NGC
Energy
Company

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

July 14, 1988

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, UT 84078

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: NGC #24-33-B Federal
SE SW Sec. 33, T8S, R16E
Duchesne County, Utah

Gentlemen:

NGC Energy Company proposes to drill the subject well. Enclosed are the following documents:

1) Application for Permit to Drill
2) Drilling Program
3) Surface Use Plan
4) Survey Plat
5) Cut and Fill Diagram
6) Topographic Maps
7) Designation of Operator

Your early consideration and approval of this application would be appreciated. Please contact me in the Vernal office if you have any questions concerning this application.

Sincerely,

Mike McMican

Mike McMican
Petroleum Engineer

/kh

Enclosure

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN [illegible]PLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Federal

2. NAME OF OPERATOR: NGC Energy Company

9. WELL NO.: 24-33-B

3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078

10. FIELD AND POOL, OR WILDCAT: ✓Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 2103' FWL, 330' FSL, Sec. 33, T8S, R16E SE SW S.L.B.&M.
At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH: Duchesne — 13. STATE: Utah

RECEIVED
JUL 18 1988
DIVISION OF
OIL, GAS & MINING

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
	320	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
	Green River 6500'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR

22. APPROX. DATE WORK WILL START*: August 1988

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36	300'	To surface
7-7/8"	5-1/2"	15.50	TD	As required

Attachments:
Drilling Program
Surface Use Plan
Survey Plat
Cut and Fill Diagram
Topographic Maps
Well Location Map
Designation of Operator

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Mike McMican — TITLE Petroleum Engineer — DATE June 28, 1988
Michael M. McMican

(This space for Federal or State office use)

PERMIT NO. 43-013-31214 — APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

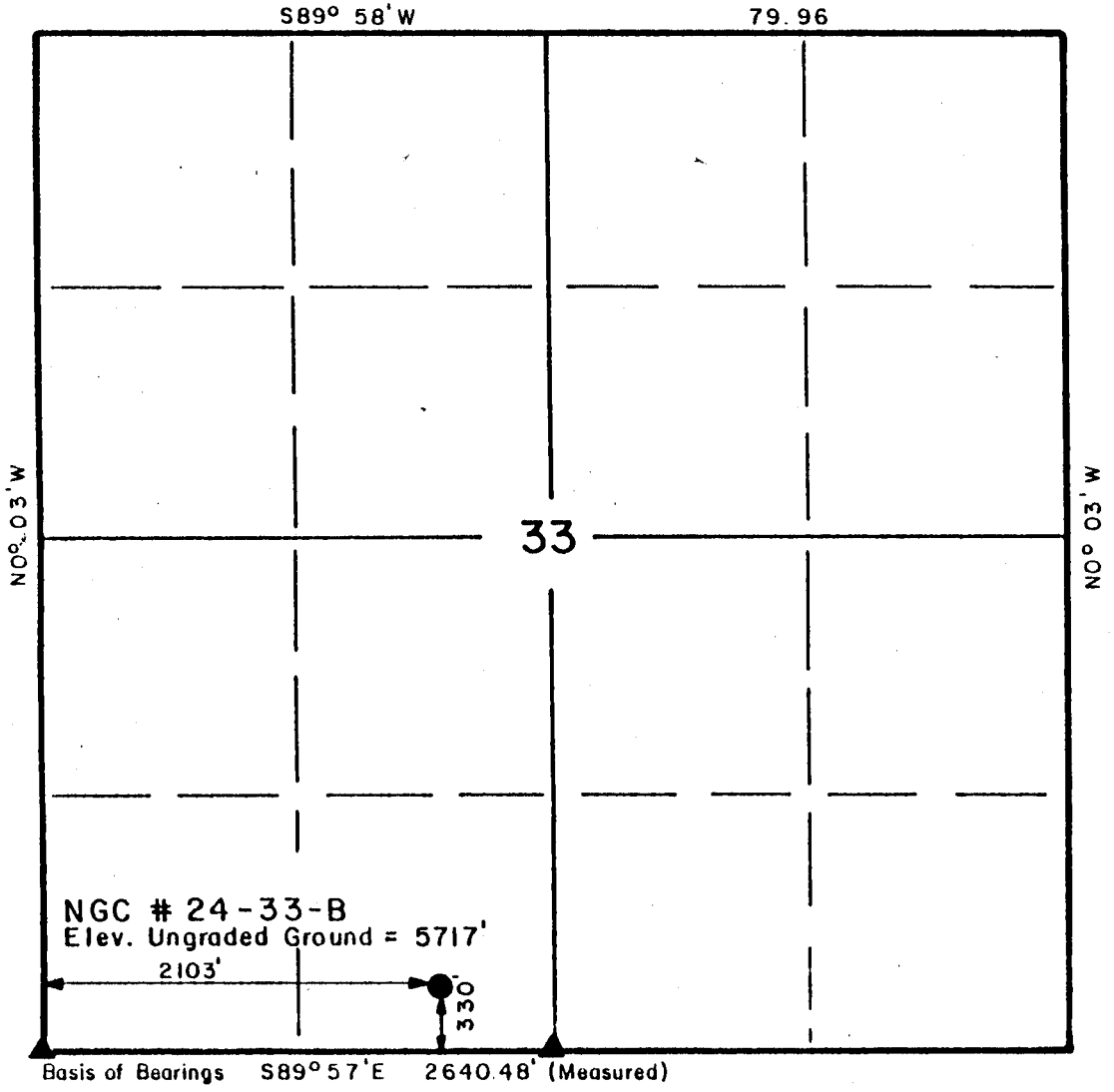
APPROVED BY _____ — TITLE _____ — DATE: 7-22-88

CONDITIONS OF APPROVAL, IF ANY: BY: John R. Baza

*See Instructions On Reverse Side — WELL SPACING: R615-3-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T8S, R16E, S.L.B.&M.



▲ = SECTION CORNERS LOCATED

PROJECT

NGC ENERGY COMPANY

Well Location, NGC NO. 24-33-B, Located as Shown in the SE1/4 SW1/4, Section 33, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SW CORNER OF SECTION 33, T8S, R16E, S.L.B.& M. TAKEN FROM THE MYTON SW, QUADRANGLE, UTAH-DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5691 FEET.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence P. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q – 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7/5/88
PARTY GS JS CM JAK	REFERENCES GLO
WEATHER HOT	FILE NGC ENERGY CO

NGC
Energy
Company

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

July 14, 1988

State of Utah Natural Resources
Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: Location Exception - Federal 24-33-B
2103' FWL, 330' FSL
Section 33, T8S, R16E
Duchesne County, Utah

Gentlemen:

NGC Energy Company is requesting a location exception for the Federal 24-33-B because of topographic considerations. A location within guidelines would have placed the well on a rock ledge near Wells Draw which is a fairly major drainage in the area (see attached topographic map). The most feasible alternative was to move onto a bench just to the south.

NGC Energy Company holds the lease for the north half of Section 4 (Lease U-30096). There are just two producing wells in the top half of Section 4, both of which are operated by NGC Energy Company. Our Federal 24-33-B location will be 330' from the lease line.

Sincerely,

Mike McMican

Michael L. McMican
Petroleum Engineer

MLM/kh

Attachment

DRILLING PROGRAM

Company NGC Energy Company Well No. 24-33-B

Location Section 33 T. 8S R. 16E Lease No. U-49092

Onsite Inspection Date 7-7-88

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Surface Formation and Estimated Formation Tops:

Formation	Depth	Datum
Uintah	Surface	+5670'
Green River	1762'	+3923'
Douglas Creek Marker	4885'	+ 800'
TD	6500'	- 815'

2. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered:

	Formation	Zone
Expected oil zones:	Green River	4200' - 6300'
Expected gas zones:	None	
Expected water zones:	None	
Expected mineral zones:	Oil Shale	Top @ 1762'

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

A 3000 WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the surface casing. The BOP system including the casing will be pressure tested to a minimum of 2500 psi for 15 minutes prior to drilling and will be mechanically checked daily during drilling operations.

BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned.

Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

Hole Size	Csg Size	Wt/Ft	Grade	Threads	New/Used	Depth
12-1/4"	9-5/8"	36#	K-55	STC	New	300'
7-7/8"	5-1/2"	15.5#	K-55	LTC	New	TD

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

Auxiliary equipment will be upper kelly cock, full opening stabbing valve, 2½" choke manifold, and pit level indicator.

5. Mud Program and Circulating Medium:

Interval	Mud Weight lbs./gal.	Viscosity Sec./Qt.	Fluid Loss ML/30 mins.	Mud Type
0' - 300'	---	---	---	Air
300' - TD	8.4	27	NC	Water

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

6. Testing, Coring, Sampling and Logging:

a. Testing: As warranted.
b. Coring: None.
c. Sampling: 10' intervals 3500' to TD.
d. Logging:

Type	Depth
DIL/SFL/SP/GR	TD - Surface casing
FDC/CNL/GR	TD - Surface casing

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

Normal pressures and temperatures are expected. No hazardous gases are expected. Expected bottom hole pressure is 2475 psig.

8. Anticipated Starting Dates and Notifications of Operations:

Location construction: August, 1988
Spud Date: August, 1988

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into the reserve pit for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, gas may be vented/flared during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever comes first. An application will be filed with the District Engineer, and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

9. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed".

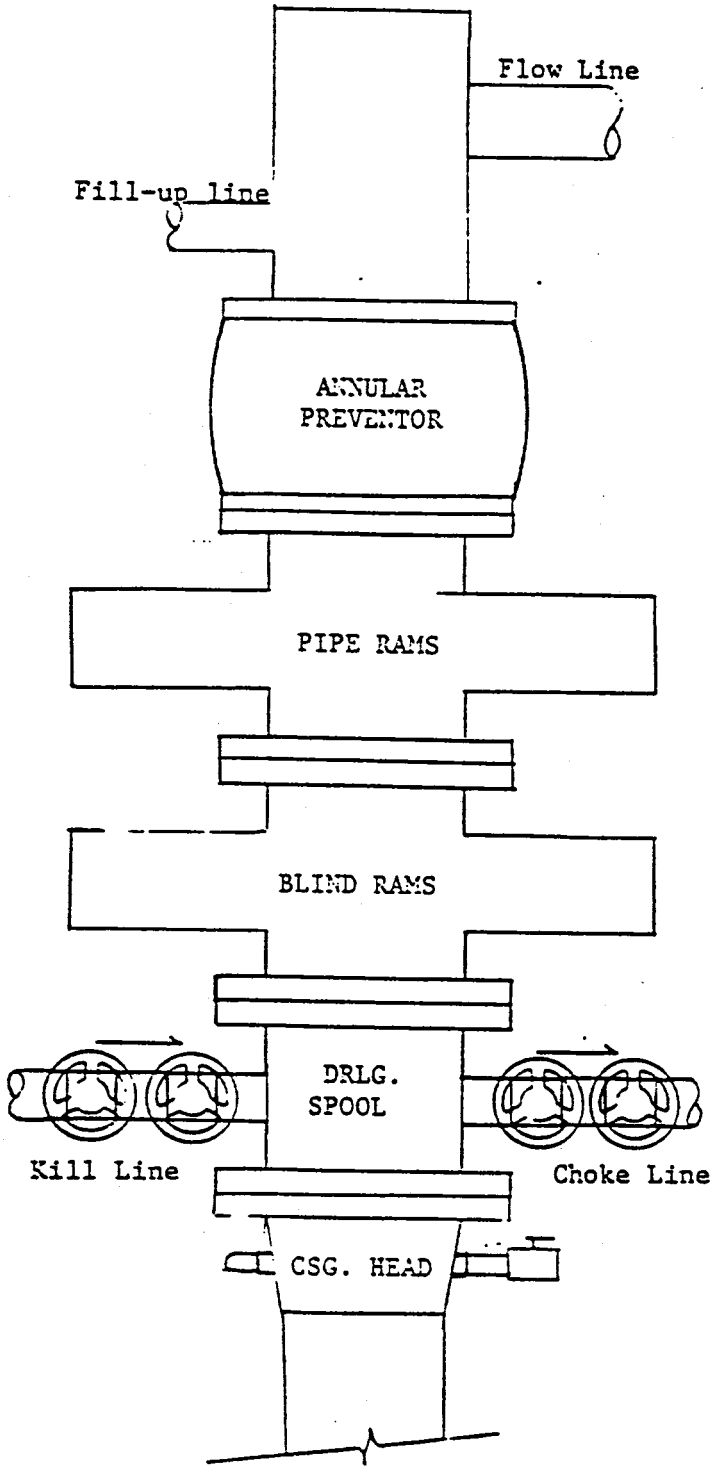
The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If operator fails to comply with this requirement in the manner and time allowed, operator shall be liable for a civil penalty of up to $10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days (Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii)).

NGC ENERGY COMPANY

BOP and Pressure Containment Data

NGC #24-33-B Federal
SE SW Sec. 33, T8S, R16E
Duchesne County, Utah



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventors, one equipped w/pipe rams, the other w/blind rams. BOP system will be consistent w/API RP 53.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. All BOP equipment to be tested to 2500# for 15 minutes. The BOP's will be tested at the time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
5. Modification of hook-up or testin procedure must be approved in writing on tour reports by wellsi representative.

Surface Use Plan

NGC Energy Company

NGC #24-33-B Federal

Sec. 33, T8S, R16E, S.L.B.& M.

Duchesne County, Utah

Onsite Date

7-7-88

SURFACE USE PLAN

1. Existing Roads:

See attached topographic map "A".

To reach the NGC #24-33-B Federal located in Section 33, T8S, R16E, S.L.B.& M., Duchesne County, Utah:

Travel southwesterly from Myton, Utah on Highway 40 for 1.5 miles. Turn south on State Highway 53 for two miles to County Road 216. Follow County Road 216 for 4.5 miles to the BLM cattleguard. Turn right and proceed 4.6 miles to the location access road. Follow the access road north for 700' to the location.

2. Planned Access Road:

See attached topographic map "B".

The proposed access road will be constructed to the following standards:

A. Length - 700'.

B. Width - 30 foot right-of-way with 18 foot running surface maximum.

C. Maximum grades - 1%.

D. Turnouts - None.

E. Drainage design - Borrow ditches.

F. Location and size of culverts and/or bridges, and brief description of any major cuts and fills - None.

G. Surfacing materials (source) - Access road.

H. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities - None.

I. Access road surface ownership - BLM.

All travel will be confined to existing access road rights-of way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

A right-of-way application is needed for the access road. A copy of the ROW grant shall be with the dirt contractor during the construction and thereafter kept on location with the complete copy of the approved APD.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

3. Location of Existing Wells:

See attached Map "C".

4. Location of Tank Batteries and Production Facilities::

All permanent (on site for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a Desert Brown color. All facilities will be painted within six months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is Desert Brown (10YR 6/3).

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery. The integrity of the dike must be maintained.

Tank batteries will be placed on the east end of the well pad between points three and four.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-leave storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500' of the wellhead. The gas flowline will be buried, or anchored down from the wellhead to the meter and 500' downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. test for meter accuracy will be conducted monthly for the first

three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and AGA standards for natural gas measurement.

5. Location and Type of Water Supply:

Water to be used for drilling and production of this well will be hauled by truck from Pleasant Valley.

In the event that the above sources are not used, other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water wells drilled at this location site.

The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities.

6. Source of Construction Material:

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

7. Methods of Handling Waste Disposal:

A reserve pit will be constructed, and will be approximately 10' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, drilling fluids, and produced fluids, etc.

The reserve pit may be lined as determined by the BLM at time of construction. If the pit is lined, it shall be constructed so as not to leak, break, or allow discharge. If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling the reserve pit.

If the reserve pit is lined, the operator will provide the BLM a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements prescribed by Part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.

Produced waste water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

Pits are not to be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls, unless otherwise herein provided.

Burning will not be allowed. All trash must be contained and disposed of in a trash cage and hauled to a sanitary landfill at the completion of the drilling activities.

8. Ancillary Facilities:

Camp facilities or airstrips will not be required.

9. Well Site Layout:

See cut and fill diagram.

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until cleanup.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the AO for approval.

The reserve pit will be located on the southeast side of the location. The stockpiled topsoil will be stored near point six. Access to the well pad will be between points two and three.

10. Plans for Restoration of Surface:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 90 days from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

All seeding will be done from September 15th until the ground freezes.

An appropriate seed mixture will be determined by the BLM, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

11. Surface Ownership:

The surface for all constructed roads and well location is under the jurisdiction of the BLM.

12. Other Information:

The area is at the northwest end of the Uintah Basin which is formed by the Bookcliff Mountains and the Green River to the south and the Uinta Mountains to the north. The area is interlaced with numerous canyons and ridges formed in sandstone, cobblerock, conglomerate, and shale deposits.

The majority of the small drainages are of a non-perennial nature with normal flow limited to the early spring run-off and heavy thunderstorms or rain storms of high intensity that last over an extended period of time and are extremely rare in nature as the normal annual precipitation is only eight inches.

The oils of this semi-arid area are of the Uinta Formation and Duchesne River Formation, (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structure consists of light brownish-gray clays to sandy soils with poor gravels and shales and outcrops of rock (sandstone, mudstone, conglomerate, and shale).

Due to the low precipitation, climatic conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of juniper, pinion pine, sagebrush, rabbitbrush, some grasses, and cacti, on the upper benches with cottonwoods, beach, willows, Russian olives, and grasses along the lower levels close to the wet areas and streams.

The animals of the area consist predominately of mule deer, coyotes, rabbits, varieties of small ground squirrels and other types of rodents, and various reptiles common to the area. The birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

The area is used by man for the primary purpose of grazing livestock.

A cultural resource clearance will be required before any construction begins on Federal and Indian lands. However, historic and cultural resource work shall be undertaken only with the written consent of a private surface owner. If the private surface owner refuses entry for that purpose, the lessee or operator shall use its best efforts to conduct its approved operations in a manner that avoids adverse effects on any properties listed, or may be eligible for listing, in the NRHP.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

The operator or his contractor shall contact the BLM Offices at 801-789-1362 between 24 and 48 hours prior to construction activities. Contact Tim O'Brien.

The BLM Office will be notified upon site completion prior to moving on the drilling rig.

The flare pit will be located a minimum of 30' east of the reserve pit fence and 100' from the rig substructure.

13. Lessee's or Operators Representative and Certification Representative

Name: Mike L. McMican
Address: 85 South 200 East
Vernal, UT 84078
Phone No.: 801-789-4573

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Natural Gas Corporation of California and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

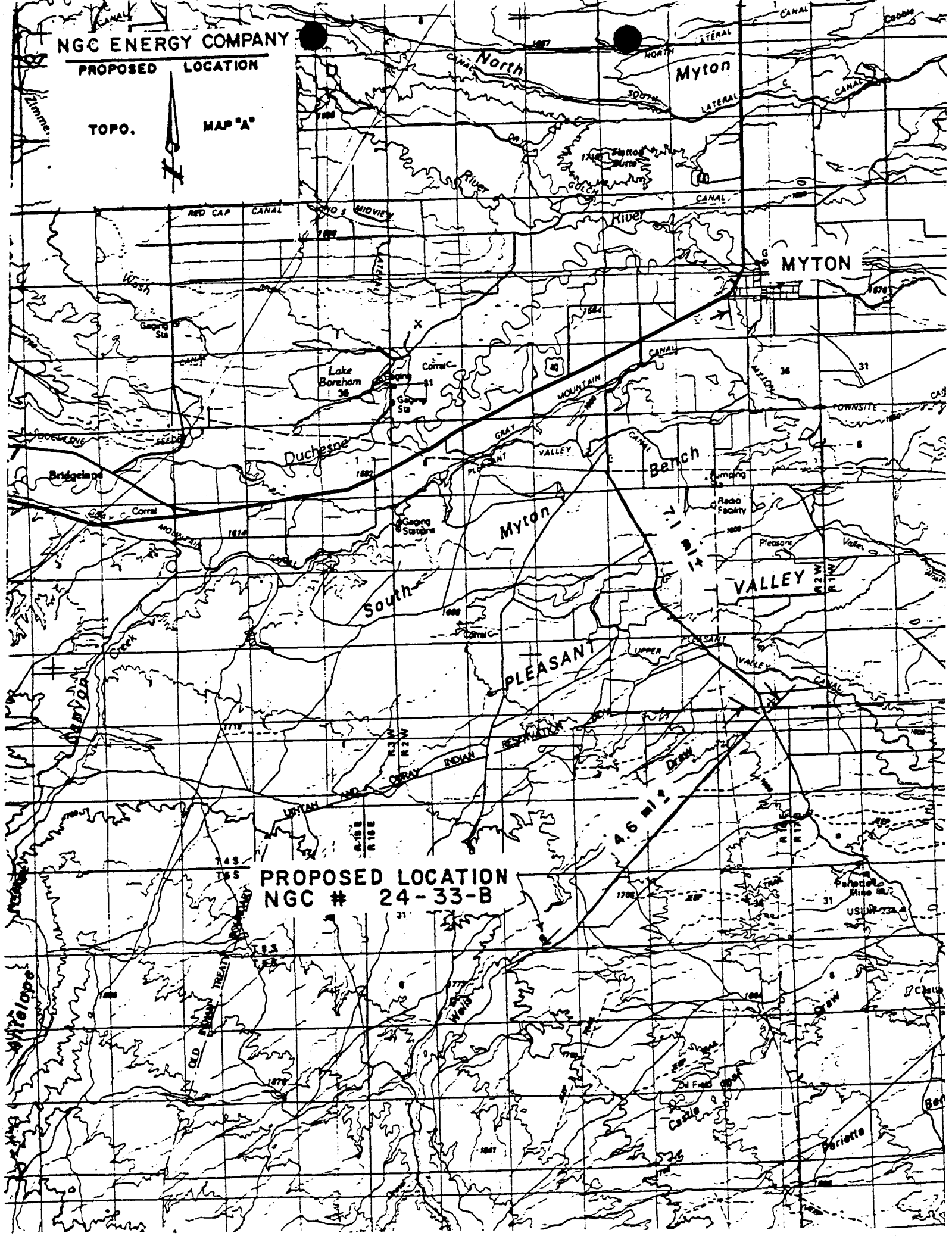
7-14-88
Date

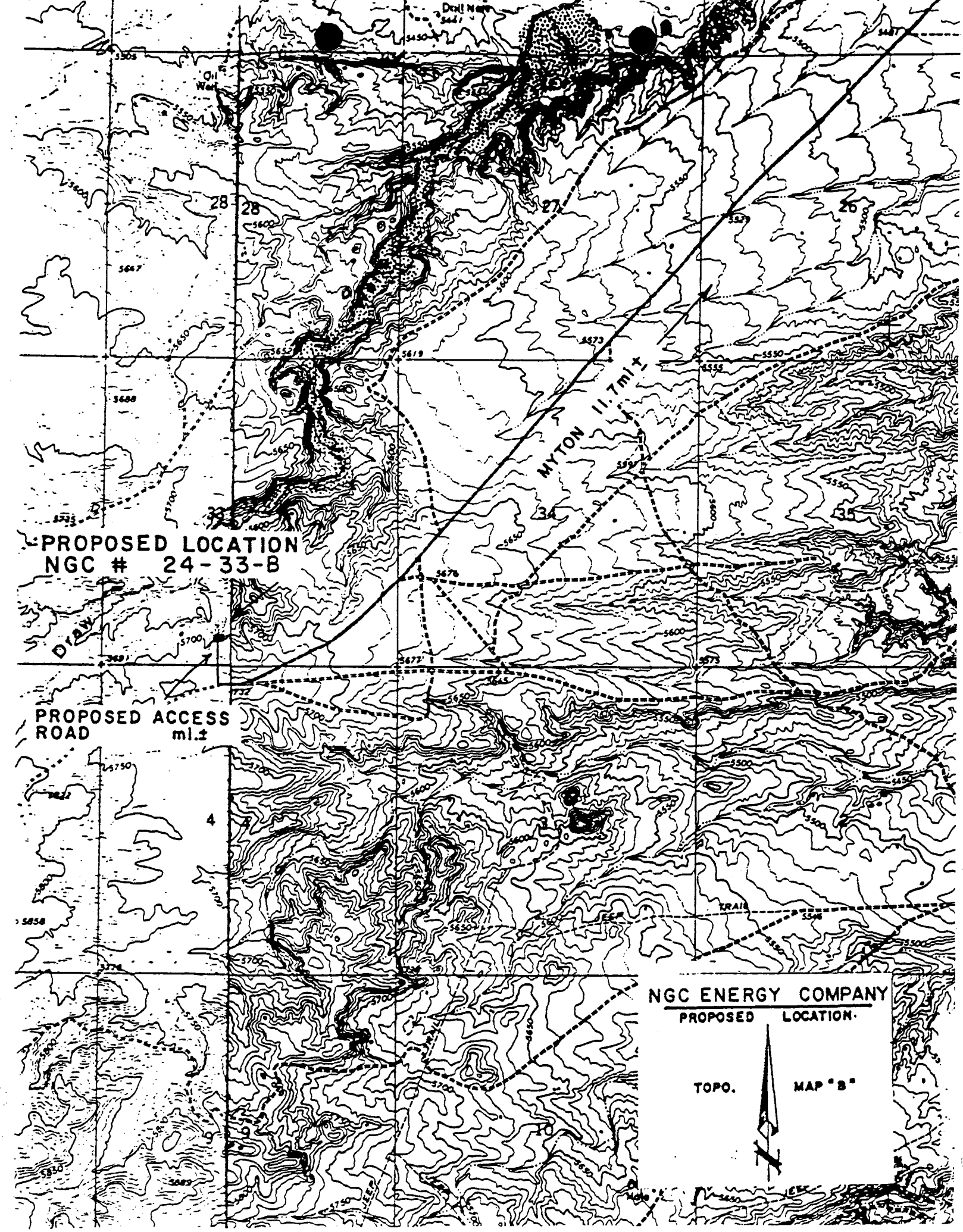
Mike McMican
Mike L. McMican, Petroleum Engineer

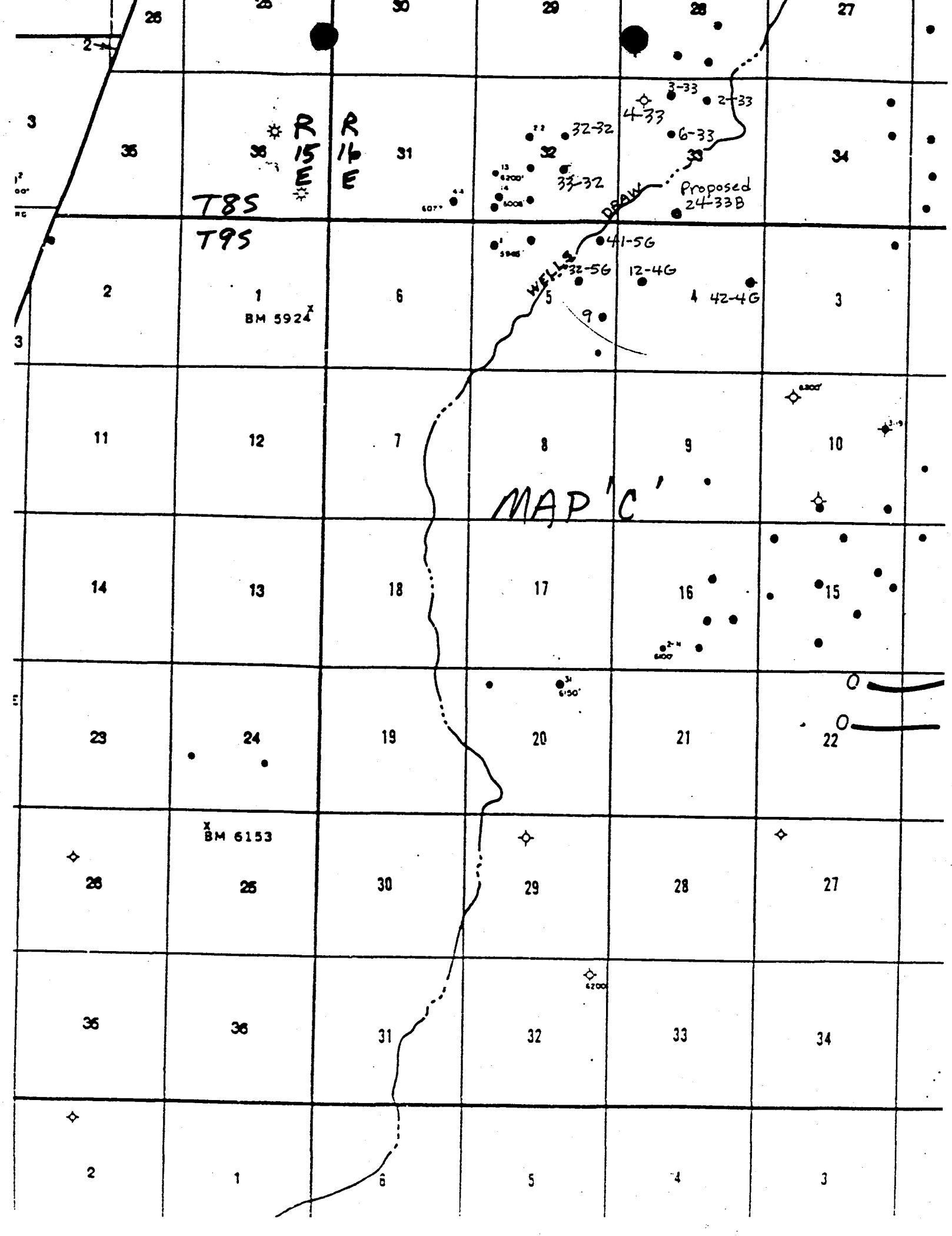
Onsite Date: 7-7-88

Participants on Joint Inspection:

Tim O'Brien - BLM
Mike McMican - NGC
Ralph Brown - BLM
Kathy Stubbs - BLM


NGC ENERGY COMPANY
PROPOSED LOCATION
TOPO. MAP "A"
PROPOSED LOCATION
NGC # 24-33-B
MYTON
Myton
Bench
VALLEY
PLEASANT
Duchesne
Lake Boreham
Bridgeland
Corral
Gasing Stations
Radio Facility
Pleasant Valley
Upper Pleasant Valley Canal
North Myton Canal
South Myton Canal
Red Cap Canal
Midview
Mountain View Townsite
Gray Mountain
Ouray
Utah
Old Indian Treaty Boundary
4.6 mi.
T4S
T5S
R2W
R1W
R1E
R2E


PROPOSED LOCATION
NGC # 24-33-B
PROPOSED ACCESS
ROAD mi.±
MYTON 11.7mi.±
Dry Draw
Oil Well
Drill Hole
TRAIL
JEEP
28
27
26
34
35
4
9
10
NGC ENERGY COMPANY
PROPOSED LOCATION
TOPO. MAP "B"


R 15 E
R 16 E
T8S
T9S
32-32
33-32
3-33
2-33
4-33
6-33
Proposed 24-33B
41-5G
32-5G
12-4G
42-4G
WELLS DRAW
BM 5924
BM 6153
MAP 'C'
26
25
30
29
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Form 3160-8
(November 1983)
(Formerly 9-1123)

(Submit in triplicate to appropriate BLM District Office)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE:
SERIAL NO.: U-49092

and hereby designates

NAME: NGC Energy Company
ADDRESS: Four Embarcadero Center, Suite 1400, San Francisco, California 94111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

Township 8 South - Range 16 East
Section 33: S/2
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

DONALD G. WOODEN

Donald G. Wooden
(Signature of lessee)

105 High Street
St. Albans, Vermont 05478
(Address)

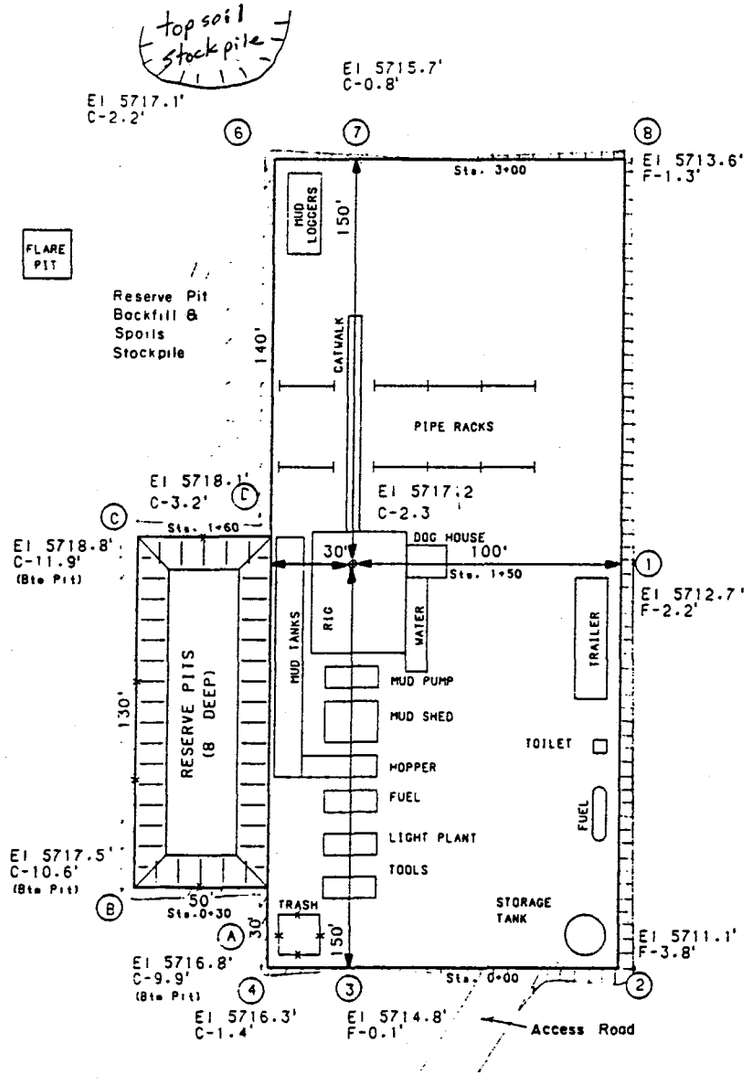
May 16, 1988
(Date)

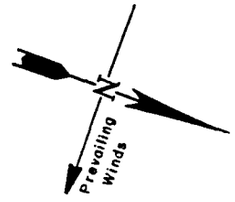
This form does not constitute an information collection as defined by 44 U.S.C. 3502 and thereto does not require OMB approval.

NGC ENERGY COMPANY

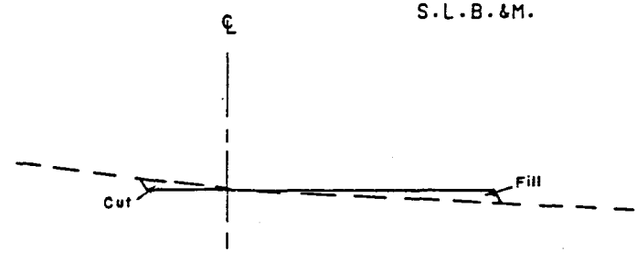
LOCATION LAYOUT FOR

NGC #24-33-B
SECTION 33, T8S, R16E,
S.L.B.&M.

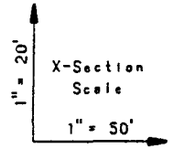


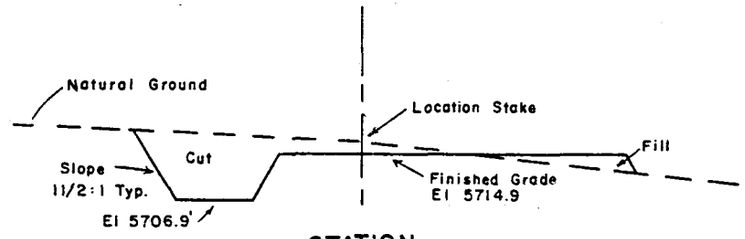


SCALE: 1" = 50'
DATE: 7/05/88

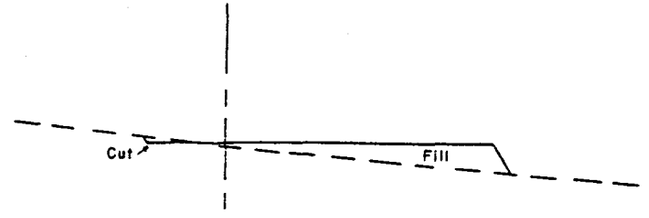


STATION
3+00.00





STATION
1+50.00



STATION
0+00.00

APPROXIMATE YARDAGES

CUT

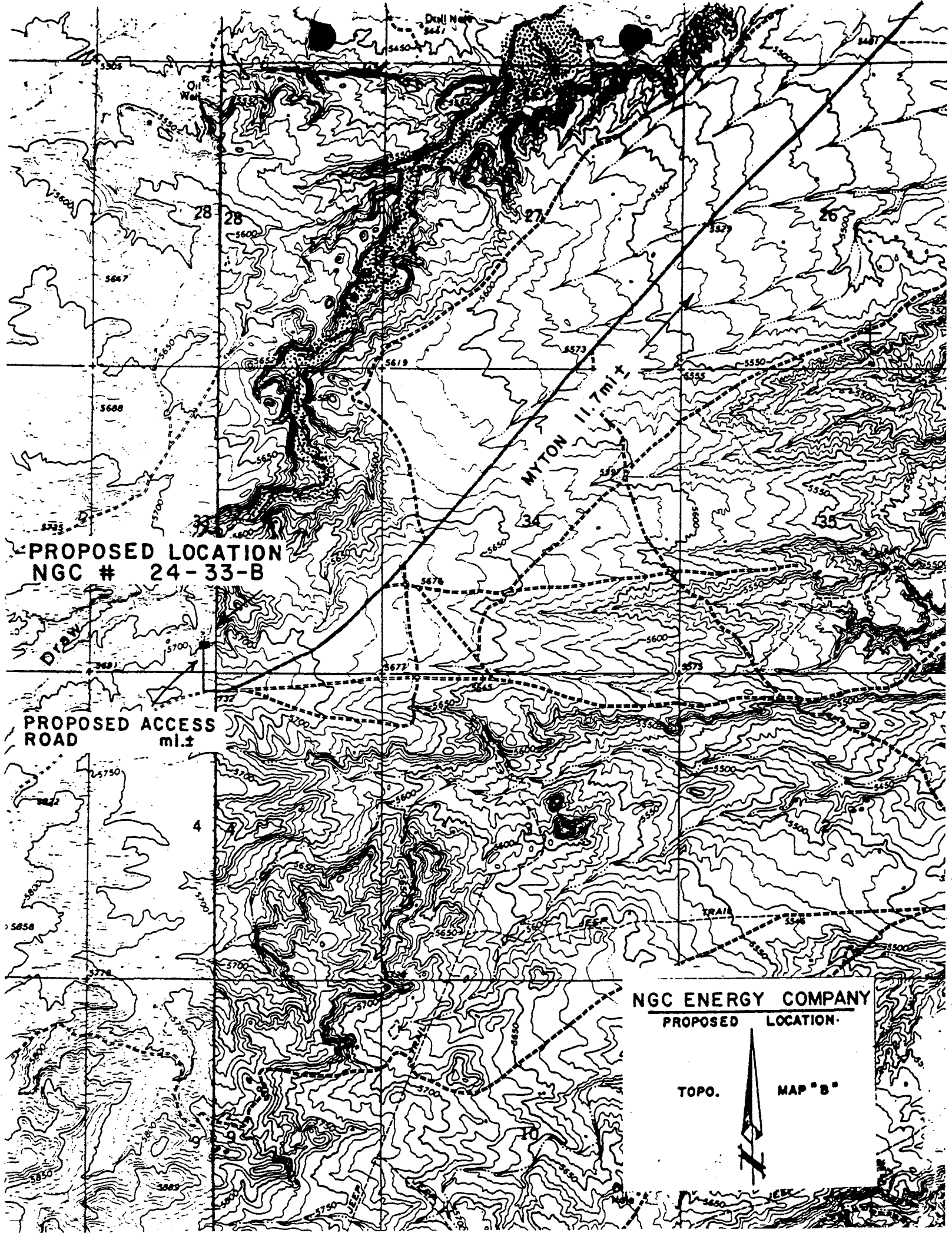
(6") Topsoil Stripping	=	843 Cu. Yds.
Pit Volume (Below Grade)	=	1,329 Cu. Yds.
Remaining Location	=	1,291 Cu. Yds.
TOTAL CUT	=	3,463 CU. YDS
FILL	=	1,418 CU. YDS

EXCESS MATERIAL AFTER 20% COMPACTION = 1,691 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 1,508 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 183 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
P.O. Box 1758 Vernal, Utah


PROPOSED LOCATION
NGC # 24-33-B
PROPOSED ACCESS
ROAD mi.±
MYTON 11.7mi.±
Draw
Oil Well
Drill Hole
TRAIL
JEEP
NGC ENERGY COMPANY
PROPOSED LOCATION
TOPO. MAP "B"
N

CONFIDENTIAL as of 8-15-88

OPERATOR NGC Energy Company (N0700) DATE 7-18-88

WELL NAME Federal 24-33-B

SEC SESW 33 T 8S R 16E COUNTY Duchesne

43-013-31214	Fed.
API NUMBER	TYPE OF LEASE

CHECK OFF:

☑ PLAT	☑ BOND	☑ NEAREST WELL
☑ LEASE	☑ FIELD	☑ POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920'

Need water permit

Exception location requested on APD.

CONFIDENTIAL PERIOD EXPIRED ON 1-1-90

APPROVAL LETTER:

SPACING: ☐ R615-2-3 _____ UNIT ☐ R615-3-2

☐ _____ CAUSE NO. & DATE ☑ R615-3-3

STIPULATIONS:

1- Water Permit

0218T

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 22, 1988

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Gentlemen:

Re: Federal 24-33-B - SE SW Sec. 33, T. 8S, R. 16E - Duchesne County, Utah
330' FSL, 2103' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.

7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31214.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

lr
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: NGC ENERGY COMPANY

8. FARM OR LEASE NAME: Federal

3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078

9. WELL NO.: 24-33-B

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2103' FWL, 330' FSL, SE/SW

10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E

CONFIDENTIAL

RECEIVED
AUG 12 1988
DIVISION OF OIL, GAS & MINING

14. PERMIT NO.: 43-013-31214

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Request Confidential Status			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

NGC Energy Company requests that all information concerning this well be placed in a confidential status.

CONFIDENTIAL

copies: [redacted]OG&M; DGWooden; Ralph E. Davis; WGPaulsell; BHill; LJorgensen; SFurtado; HCulp

18. I hereby certify that the foregoing is true and correct

SIGNED Michael L. McMican TITLE Petroleum Engineer DATE Aug. 10, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

LCR

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN [illegible]PLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 15 1988
DIVISION OF
OIL, GAS & MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

CONFIDENTIAL

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]	5. LEASE DESIGNATION AND SERIAL NO.: U-49092
b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NGC Energy Company	7. UNIT AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078	8. FARM OR LEASE NAME: Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface: 2103' FWL, 330' FSL, Sec. 33, T8S, R16E SE SW S.L.B.&M. At proposed prod. zone	9. WELL NO.: 24-33-B
	10. FIELD AND POOL, OR WILDCAT: Monument Butte
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*	12. COUNTY OR PARISH: Duchesne / 13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE: 320	17. NO. OF ACRES ASSIGNED TO THIS WELL: 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH: Green River 6500'	20. ROTARY OR CABLE TOOLS: Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR		22. APPROX. DATE WORK WILL START*: August 1988

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36	300'	To surface
7-7/8"	5-1/2"	15.50	TD	As required

Attachments:
Drilling Program
Surface Use Plan
Survey Plat
Cut and Fill Diagram
Topographic Maps
Well Location Map
Designation of Operator

JUL 1988
RECEIVED
Vernal, Utah

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Mike McMican TITLE Petroleum Engineer DATE June 28, 1988
Michael M. McMican

(This space for Federal or State office use)

PERMIT NO. 43-013-31214 APPROVAL DATE

APPROVED BY Gerald E. Kenczka TITLE Acting ASSISTANT DISTRICT MANAGER MINERALS DATE 8/9/88
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL **CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY**

*See Instructions On Reverse Side

DOGMA
UT080-8M48

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company NGC ENERGY COMPANY Well No. 24-33-B

Location Sec. 33 T. 8 S R. 16 E Lease No. U-4909 Z

Onsite Inspection Date 7-7-88

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

The Mahogany oil shale has been identified from ± 3035-3165 ft. and fresh water may be encountered from ± 300-600 ft., 1790-2050 ft, 3540-3810 ft., and 3940-4190 ft. To adequately protect and/or isolate the identified natural resources, the cement top for the production string will be at least 200 ft. above the top of the Mahogany oil shale zone as identified from the open hole logs.

2. Pressure Control Equipment

The minimum pressure testing requirements for the annular-type preventer is 1500 psi for at least 10 minutes. Should NGC Energy wish to test beyond the BLM's minimum requirements, that is NGC's prerogative.

3. Mud Program and Circulating Medium

No chromate additives will be used in the drilling fluid without prior approval from this office.

4. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

To verify the cement top, a cement bond log (CBL) will be run or verification will be done by some other method acceptable to the authorized officer.

5. Notifications of Operations

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the authorized officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

APD approval is valid for a period of one (1) year from the signature date. An additional one (1) year approval period may be granted if requested prior to the expiration of the original approval period.

Craig M. Hansen Assistant District Manager for Minerals	(801) 247-2318
Gerald E. Kenczka Petroleum Engineer	(801) 781-1190
Ed Forsman Petroleum Engineer	(801) 789-7077

WATER PERMIT T63356 (47-1748)

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION API NO. 43-013-31214

NAME OF COMPANY: NATURAL GAS CORP OF CALIF.

WELL NAME: FEDERAL 24-33-B

SECTION SESW 33 TOWNSHIP 8S RANGE 16E COUNTY DUCHESNE

DRILLING CONTRACTOR LEON ROSS

RIG #

SPUDDED: DATE 8/15/88

TIME 4:00 p.m.

HOW DRY HOLE

DRILLING WILL COMMENCE 8/18/88 (OLSEN #5)

REPORTED BY MIKE

TELEPHONE # 1-789-4573

DATE 8/16/88 SIGNED TAS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
AUG 18 1988
DIVISION OF
OIL, GAS & MINING

ENTITY ACTION FORM - FORM 6

CONFIDENTIAL

OPERATOR NGC Energy Company

ADDRESS 85 South 200 East
Vernal, UT 84078

OPERATOR CODE N0700

PHONE NO. 801 ,789-4573

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	10913	43-013-31214	Federal #24-33-B	SE/SW	33	T8S	R16E	Duchesne	8-15-88	

COMMENTS: Federal - lease
Not in a Unit
Field - Monument Butte
Proposed Zone - Green River
(only well in Sec. 33 operated by NGC, assign new entity 10913 on 8-18-88 lcr)

COMMENTS:

COMMENTS:

COMMENTS:

COMMENTS:

ACTION CODES:
A - ESTABLISH NEW ENTITY FOR NEW WELL (SINGLE WELL ONLY)
B - ADD NEW WELL TO EXISTING ENTITY (GROUP OR UNIT WELL)
C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
E - OTHER (EXPLAIN IN COMMENTS SECTION)
(SEE INSTRUCTIONS ON BACK OF FORM)

Connie Wales
SIGNATURE

Clerk
TITLE

8/16/88
DATE

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECEIVED
AUG 22 1988
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

CONFIDENTIAL

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
NGC ENERGY COMPANY

8. FARM OR LEASE NAME
Federal

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

9. WELL NO.
24-33-B

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2103' FWL, 330' FSL, SE/SW

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 33, T8S, R16E

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-013-31214	5670' GR	Duchesne	Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Spud Date			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports 12¼" surface hole was spudded with a dryhole digger at 4 p.m. 8/15/88. On 8/17/88, 9-5/8" 47#/53.5#, L80/New, LTC casing was set @ 310' KB (KB=15') and cemented to surface with 165 sx 'G' + 2% $CaCl_2$ + 1/4#/sx flocele.

CONFIDENTIAL

Copies: Div. OG&M; Ralph E. Davis; DGWooden; WGPaulsell; SFurtado; BHill; LJorgensen; HCulp

18. I hereby certify that the foregoing is true and correct

SIGNED Mike McMican Michael L. McMican TITLE Petroleum Engineer DATE August 18, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

RECEIVED
AUG 22 1988
DIVISION OF
OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

CONFIDENTIAL

1. OIL WELL [X] GAS WELL [ ] OTHER	5. LEASE DESIGNATION AND SERIAL NO. U-49092
2. NAME OF OPERATOR NGC ENERGY COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2103' FWL, 330' FSL, SE/SW	8. FARM OR LEASE NAME Federal
	9. WELL NO. 24-33-B
	10. FIELD AND POOL, OR WILDCAT Monument Butte
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T8S, R16E
14. PERMIT NO. 43-013-31214	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5670' GR
	12. COUNTY OR PARISH Duchesne
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other) Weekly Status Report			[X]	(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the weekly status report for the subject well from August 15 thru August 19, 1988.

CONFIDENTIAL

Copies: Div. OG&M; Wooden; Paulsell; Furtado; Hill; Jorgensen; Culp

18. I hereby certify that the foregoing is true and correct

SIGNED Karla Hanberg (Karla Hanberg) TITLE Office Supervisor DATE Aug. 19, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NGC ENERGY COMPANY

NGC OPERATED - DRILLING

NGC Energy Company
Pleasant Valley
Federal #24-33-B TIGHT HOLE

1980' FWL 660' FSL, SE/SW Sec 33-T8S-R16E, Duchesne Co., UT. PTD 6500'. Objective: Green River. Elevations: 5670'GR. BPO NGCE has 100% WI; 81.25% NRI. APO NGCE has 75% WI; 65.625% NRI. (87.5% NRI Lease). Contractor: Leon Ross. Spud: 8/15/88 AFE #8908. TOTAL AFE AMT $429,145. DRLG AFE AMT $118,870. COMP AFE AMT $310,275.

8-15-88	Tricon Kent moved in on 8-13-88 and started location. Finished building location yesterday. Daily cost $3,180; CDC $3,180
8-16-88	TD 75'. Leon Ross spudded 12-1/4" surface hole @ 4:00 PM, 8-15-88. Drilled to 75' and SDFN. Daily cost $0; CDC $3,180
8-17-88	TD 300'. Leon Ross finished drilling 12-1/4" surface hole to 300' & SDFN. Daily cost $0; CDC $3,180
8-18-88	TD 315'KB. Ran 9-5/8" 7 jts of 47#/53.5#, L80/N80, (295.83') casing set @ 310'KB. Cemented w/165 sx class "G" + 2% CaCl2 + 1/4#/sk flocele. Good returns to surface. Present Operation: Build cellar and line reserve pit. Daily cost $13,205; CDC $16,385
8-19-88	Built cellar, lined & fenced reserve pit. Started filling pit. Installed and tested casinghead. Daily cost $3,000; CDC $19,385

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

RECEIVED
AUG 29 1988
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.: U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: NGC ENERGY COMPANY

8. FARM OR LEASE NAME: Federal

3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078

9. WELL NO.: 24-33-B

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2103' FWL, 330' FSL, SE/SW

10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E

14. PERMIT NO.: 43-013-31214

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Weekly Status Report			[X]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the weekly status report for the subject well from August 19 thru August 26, 1988.

Copies: Dir, OG&M; Wooden; Paulsell; Furtado; Hill; Jorgensen; Culp

18. I hereby certify that the foregoing is true and correct

SIGNED Karla Hanberg TITLE Office Supervisor DATE Aug. 26, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NGC ENERGY COMPANY

NGC OPERATED - DRILLING

NGC Energy Company
Pleasant Valley
Federal #24-33-B TIGHT HOLE

1980' FWL 660' FSL, SE/SW Sec 33-T8S-R16E, Duchesne Co., UT. PTD 6500'. Objective: Green River. Elevations: 5715'GR, 5730'KB. BPO NGCE has 100% WI; 81.25% NRI. APO NGCE has 75% WI; 65.625% NRI. (87.5% NRI Lease). Contractor: Olsen Rig #5. Spud: 8/15/88 (DHD); 8/20/88 (CORO). AFE #8908. TOTAL AFE AMT $429,145. DRLG AFE AMT $118,870. COMP AFE AMT $310,275.

8-15-88	Tricon Kent moved in on 8-13-88 and started location. Finished building location yesterday. Daily cost $3,180; CDC $3,180
8-16-88	TD 75'. Leon Ross spudded 12-1/4" surface hole @ 4:00 PM, 8-15-88. Drilled to 75' and SDFN. Daily cost $0; CDC $3,180
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8-18-88	TD 315'KB. Ran 9-5/8" 7 jts of 47#/53.5#, L80/N80, (295.83') casing set @ 310'KB. Cemented w/165 sx class "G" + 2% CaCl2 + 1/4#/sk flocele. Good returns to surface. Present Operation: Build cellar and line reserve pit. Daily cost $13,205; CDC $16,385
8-19-88	Built cellar, lined & fenced reserve pit. Started filling pit. Installed and tested casinghead. Daily cost $3,000; CDC $19,385
8-20-88	TD 375'. Day 1. Drilling. MIRU Olsen Rig #5. Tested BOP's. Drilled out cement & shoe, Drilled to 375'. Survey: 1/4 DEG @ 331'. ME 8.3, VIS 27, PH 8.5. Daily cost $4,195; CDC $23,580
8-21-88	TD 1460'. Day 2. Drilling. Made 1085' in 25-1/2 hrs. Drilling at a rate of 42.5 FPH. Survey: 1/2 DEG @ 1283'. MW 8.3, VIS 27, PH 10.5. Daily cost $10,745; CDC $34,325
8-22-88	TD 2622'. Day 3. Drilling. Made 1162' in 23-1/2 hrs. Drilling at a rate of 49.4 FPH. Survey: 3/4 DEG @ 2273'. MW 8.3, VIS 27, PH 11. Daily cost $10,560; CDC $44,885
8-23-88	TD 3455'. Day 4. Drilling. Made 833' in 23-1/2 hrs. Drilling at a rate of 35.4 FPH. Survey: 1 DEG @ 3290'. Mud logger on @ 3500'. MW 8.3, VIS 27, PH 11.5. Daily cost $8,110; CDC $52,995

8-24-88 TD 4175'. Day 5. Drilling. Made 720' in 23-3/4 hrs. Drilling at a rate of 30.3 FPH. No shows. BGG 10-30 units. Estimate top of "A" Sand to come in @ 4283'. MW 8.4, VIS 27, PH 12. Daily cost $9,010; CDC $62,005

8-25-88 TD 4560'. Day 6. Drilling. Made 167' in 6-1/2 hrs. Drilling at a rate of 25.7 FPH. Survey: 1-1/2 DEG @ 4296'. Trip for new bit. Drilled to 4560, made 218' in 9-1/2 hrs; drilling 22.9 FPH. Mud log report: BGG 5-10 units. Drill breaks - minor sand shows:

4252'-58'	40-245-30
4278'-82'	80-240-30
4477'-80'	6-88-8
4488'-92'	10-120-50
4494'-98'	50-170-10

"A" top @ 4278', estimated DC2 top to be 4950'. MW 8.4+, VIS 27, PH 12. Daily cost $6,135; CDC $68,140

8-26-88 TD 5048'. Day 7. Made 488' in 20-1/2 hrs. Drilling at a rate of 23.8 FPH. TIH for hole in drill string; found, washed out DP & TIH. Mud log report:

"B" top @ 4508'
DC Marker @ 4922'

shows:

B Sands	4848'-56'	15-240-20	1-1/2 MPF
B Sands	4676'-86'	6-290-10	1-1/2 to 2 MPF
B Sands	4916'-22'	10-110-10	2 MPF
DC2	4940'-66'	4-350-18	1 MPF
DC4	4996'-5005'	8-300-15	1 MPF

MW 8.4+, VIS 27, PH 12. Daily cost $6,205; CDC $74,345

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

CONFIDENTIAL

2. NAME OF OPERATOR: NGC ENERGY COMPANY

8. FARM OR LEASE NAME: Federal

3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078

9. WELL NO.: 24-33-B

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2103' FWL, 330' FSL, SE/SW

RECEIVED
SEP 6 1988
DIVISION OF OIL, GAS & MINING

10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E

14. PERMIT NO.: 43-013-31214

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Weekly Status Report			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Attached is the weekly status report for the subject well from August 27 through August 31, 1988. Current status is waiting on completion.

Copies: Div. OG&M; Wooden; Paulsell; Furtado; Hill; Jorgensen; Culp

18. I hereby certify that the foregoing is true and correct

SIGNED Karla Hanberg TITLE Office Supervisor DATE Sept. 1, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Federal #24-33-B cont'd ...

8-28-88 TD 6026'. Day 9. Made 514' in 23-3/4 hrs. Drilling at a rate of 21.6 FPH. Mud Log Report:

"E2" @ 5460'
"F" @ 5826'

Shows:

Ee	5430'-42'	10-40-10	2 MPF
E2	5540'-49'	6-60-10	2 MPF
F1	5829'-30'	10-280-20	2 MPF
F1	5830'-36'	16-360-12	1 MPF
F1	5861'-63'	10-128-14	1 to 1-1/2
F2	5875'-82'	10-96-10	2 MPF
F3	5905'-17'	20-220-10	1 to 1-1/2
F3	6004'-09'	20-134-10	1-1/2 MPF
F3	6011'-13'	54-126-30	1-1/2 MPF

Estimate basal lime top to be at 6325'. MW 8.4+, VIS 27, PH 11. Daily cost $5,980; CDC $85,740

8-29-88 TD 6411'. Day 10. Made 385' in 17-3/4 hrs. Drilling at a rate of 21.7 FPH. Pump hole sweep & POOH for logs. Mud log report:

Basil Lime @ 6239'.

Mud Gas:

F Sand	6148'-58'	10-230-20
F Sand	6194'-6205'	20-110-10
Lime	6310'-24'	75-100-200-540
Lime	6342'-47'	100-250-75
Lime	6357'-58'	60-150-60

High background gas & free oil thoughout the Limestone - probably fractured. MW 8.4, VIS 27, PH 10.5. Daily cost $6,670; CDC $92,410

8-30-88 TD 6411'. Day 11. Made 0. MW 8.4, VIS 27, PH 10.5. POOH for logs. Log w/Welex. TIH. Circ & cond. LD drill pipe & drill collars. Repair rig (brakes). RU & run 5-1/2" casing. Present Operation: Run casing. Daily cost $4,345; CDC $96,755

8-31-88 TD 6411'. Day 12. MW 8.4, VIS 27, PH 10.5. Finish running 5-1/2" 17# K-55/N-80 casing to 6410'. RU Halliburton & cemented w/125 sx silica lite cement followed by 500 sx of class "G" + 10% Calseal. ND BOP's. Set slips & cutoff. Rig Released @ 4:00 P.M. 8-30-88. Final Report. Waiting on completion. Daily cost $9,560; CDC $106,315

8-24-88 TD 4175'. Day 5. Drilling. Made 720' in 23-3/4 hrs. Drilling at a rate of 30.3 FPH. No shows. BGG 10-30 units. Estimate top of "A" Sand to come in @ 4283'. MW 8.4, VIS 27, PH 12. Daily cost $9,010; CDC $62,005

8-25-88 TD 4560'. Day 6. Drilling. Made 167' in 6-1/2 hrs. Drilling at a rate of 25.7 FPH. Survey: 1-1/2 DEG @ 4296'. Trip for new bit. Drilled to 4560, made 218' in 9-1/2 hrs; drilling 22.9 FPH. Mud log report: BGG 5-10 units. Drill breaks - minor sand shows:

4252'-58'	40-245-30
4278'-82'	80-240-30
4477'-80'	6-88-8
4488'-92'	10-120-50
4494'-98'	50-170-10

"A" top @ 4278', estimated DC2 top to be 4950'. MW 8.4+, VIS 27, PH 12. Daily cost $6,135; CDC $68,140

8-26-88 TD 5048'. Day 7. Made 488' in 20-1/2 hrs. Drilling at a rate of 23.8 FPH. TIH for hole in drill string; found, washed out DP & TIH. Mud log report:

"B" top @ 4508'
DC Marker @ 4922'

shows:

B Sands	4848'-56'	15-240-20	1-1/2 MPF
B Sands	4676'-86'	6-290-10	1-1/2 to 2 MPF
B Sands	4916'-22'	10-110-10	2 MPF
DC2	4940'-66'	4-350-18	1 MPF
DC4	4996'-5005'	8-300-15	1 MPF

MW 8.4+, VIS 27, PH 12. Daily cost $6,205; CDC $74,345

8-27-88 TD 5512'. Day 8. Made 464' in 21 hrs. Drilling at a rate of 22.1 FPH. Survey: 1-1/2 DEG @ 5271'. Mud log report:

"D" top @ 5160'
"E" top @ 5272'

Shows:

DC5	5120'-27'	10-310-50	2 MPF
DC6	5133'-38'	40-110-20	2-1/2 MPF
DC6	5157'-60'	50-240-50	1-1/2 MPF
Upper D	5164'-74'	50-200-50	3 MPF
Upper D	5180'-90'	50-180-40	2-1/2 to 3 MPF
Ed	5390'-98'	20-350-25	1 to 2 MPF

MW 8.4+, VIS 27, PH 11.5 Daily cost $5,415; CDC $79,760

NGC ENERGY COMPANY

NGC OPERATED - DRILLING

NGC Energy Company
Pleasant Valley
Federal #24-33-B TIGHT HOLE

1980' FWL 660' FSL, SE/SW Sec 33-T8S-R16E, Duchesne Co., UT. PTD 6500'. Objective: Green River. Elevations: 5715'GR, 5730'KB. BPO NGCE has 100% WI; 81.25% NRI. APO NGCE has 75% WI; 65.625% NRI. (87.5% NRI Lease). Contractor: Olsen Rig #5. Spud: 8/15/88 (DHD); 8/20/88 (CORO). AFE #8908. TOTAL AFE AMT $429,145. DRLG AFE AMT $118,870. COMP AFE AMT $310,275.

8-15-88	Tricon Kent moved in on 8-13-88 and started location. Finished building location yesterday. Daily cost $3,180; CDC $3,180
8-16-88	TD 75'. Leon Ross spudded 12-1/4" surface hole @ 4:00 PM, 8-15-88. Drilled to 75' and SDFN. Daily cost $0; CDC $3,180
8-17-88	TD 300'. Leon Ross finished drilling 12-1/4" surface hole to 300' & SDFN. Daily cost $0; CDC $3,180
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8-19-88	Built cellar, lined & fenced reserve pit. Started filling pit. Installed and tested casinghead. Daily cost $3,000; CDC $19,385
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(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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CONFIDENTIAL

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: NGC ENERGY COMPANY

8. FARM OR LEASE NAME: Federal

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14. PERMIT NO.: 43-013-31214

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)	[ ]		
(Other) Weekly Status Report			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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Attached is the weekly status report for the subject well from September 8 through September 16, 1988.

Copies: Div. OG&M; DGWooden; WGPaulsell; SFurtado; BHill; LJorgensen; HCulp

18. I hereby certify that the foregoing is true and correct

SIGNED Karla Hanberg Karla Hanberg TITLE Office Supervisor DATE Sept. 19, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NGC OPERATED - COMPLETION

NGC Energy Company
Pleasant Valley
Federal #24-33-B TIGHT HOLE

1980' FWL 660' FSL, SE/SW Sec 33-T8S-R16E, Duchesne Co., UT. PTD 6500'. Objective: Green River. Elevations: 5715'GR, 5730'KB. BPO NGCEC has 100% WI; 81.25% NRI. APO NGCEC has 75% WI; 65.625% NRI. (87.5% NRI Lease). Contractor: Western Oil Well Service Rig #21. Spud: 8/15/88 (DHD); 8/20/88 (CORO). AFE #8908. TOTAL AFE AMT $429,145. DRLG AFE AMT $118,870. COMP AFE AMT $310,275.

Note: **Under the Farmin agreement, this well must be completed by November 18, 1988.**

9-8-88	Land and test tubing spool. Set & test deadmen. Dress location. Today's Operation: Waiting on completion tools. **Daily cost $2,350; CCC $2,350**
9-9-88	Waiting on completion tools. CCC $2,350
9-12-88	Waiting on completion tools. CCC $2,350
9-13-88	Day 2. MIRU Western Oil Well Service Rig #21. NU BOP's. Hook up pump & lines. PU 4-1/2" mill & 5-1/2" csg scraper & RIH w/80 jts of 2-7/8" 6.5# J-55 EUE tubing. SION. Today's Operation: Clean out to PBTD and run Cement Bond Log. Daily cost $2,517; CCC $4,867
9-14-88	Day 3. Finish RIH w/2-7/8" tbg, mill & scraper. Tagged PBTD @ 6322'. Circ hole clean w/3% KCL wtr. POOH w/tbg and tools. RU Welex and run Cement Bond Log from 6322' to 2150'. Est cement top @ 2400'. Pressure test casing to 4000#. Held OK. SION. Daily cost $4,730; CCC $9,597
9-15-88	Day 4. PU Howco 5-1/2" RTTS PKR and RIH w/2-7/8" tbg. Set PKR @ 6186' and pressure test to 2000# - held OK. RU and swab down tbg to 6100'. RU Welex. RIH w/1-9/16" thru tbg gun and perforate interval 6304'-09', 4 SPF, 0 DEG phasing. RU and swab well. No fluid entry. Pump & fill tbg w/3% KCL. Broke down perfs @ 2800#. Avg injection rate - 2 BPM @ 2200#, ISIP 1800#. RU & swab well dry. Recovered 36 bbls KCL wtr w/ very small trace of oil & whisper of gas. SION. Today's Operation: Test interval 6304'-09'. Daily cost $4,697 CCC $14,294

Federal #24-33-B cont'd ...

9-16-88	Day 5. SITP 50#, SICP 0# (PKR). RU & swab well. Had no fluid entry overnight and during four hourly runs. SION. Today's Operation: Frac interval 6304'-09' w/Western Company. Daily cost $4,764; CCC $19,058

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
SEP 28 1988
DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: NGC ENERGY COMPANY

8. FARM OR LEASE NAME: Federal

3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078

9. WELL NO.: 24-33-B

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2103' FWL, 330' FSL, SE/SW

CONFIDENTIAL

10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E

14. PERMIT NO.: 43-013-31214

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Weekly Status Report			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the weekly status report for the subject well from September 17 through September 23, 1988.

Copies: Div. OG&M; DGWooden; WGPaulsell; SFurtado; BHill; LJorgensen; HCulp

18. I hereby certify that the foregoing is true and correct

SIGNED Karla Hanberg Karla Hanberg TITLE Office Supervisor DATE Sept. 26, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Federal #24-33-B cont'd ...

9-23-88 RU Smith Energy and frac as follows:

Rate (BPM)	Pressure	Volume (Bbls)	Event
35	2000#	136	Pad of form
35	2100	238	Start 1# 20/40
35	2100	275	Start 2# 20/40
35	2100	317	Start 3# 20/40
35	1900	363	Start 4# 20/40
35	1900	414	Start 5# 20/40
35	1700	468	Start 6# 20/40
35	1700	529	Start 6# 16/30
35	1800	593	Start 7# 16/30
40	1850	604	6# 20/40 on form
40	1900	662	Start flush
40	1900	665	6# 16/30 on form
40	2200	729	7# 16/30 on form
30	3900	794	Shut down

Total sand = 66,500#, Total fluid = 24,800 gal
ISIP = 3800#, 15 min = 1900#. Today's Operation: Flow back after frac. Daily cost 15,352; CCC $89,366

9-19-88 Day 8. Check pressures: 300# tbg, 200# csg. Blow down tbg. RU and swab well. Fluid @ 3100'. Swabbed well dry in 17 runs and recovered 66 bbls fluid. Made four hourly runs with 1/2 bbl per hour fluid entry. Recovered 68 bbls total for day. 14 bbls oil and 54 bbls water. Gas blowing steady 50 mcfpd. SION. Pressures this AM: 475# tbg, 200# csg, fluid level @ 4800'. Today's Operation: Move to next zone "F" sand 6144'-54'. Daily cost $1,819'; CCC $46,511

9-20-88 Sixteen hour SITP 475#, SITP 200#. Blow down tbg and rig up swab equip. Fluid level @ 4800'. Made three runs and recovered 8 bbls water & 8 bbls oil. Rig down swab. RIH w/tbg to 6322' - no sand fill. POOH w/2-7/8" tbg. Pick up Howco RBP & RIH w/2-7/8" tbg. Set RBP @ 6240' & pressure test to 2000#. POOH w/2-7/8" tbg and ret tool. RU Welex & RIH w/4" casing gun and perforate interval 6144'-54', 4 SPF, 120 DEG phasing, 40 holes. RD Welex & SION. Today's Operation: Frac interval 6144'-54' w/Smith Energy. Daily cost $6,613; CCC $53,124

9-21-88 RU Smith Energy and frac as follows:

Rate	Pressure	Volume	Event
35 BPM	2550#	142 bbls	Pad on form
35	2500#	191	Start 1# 20/40
35	2600#	221	Start 2# 20/40
35	2500#	255	Start 3# 20/40
35	2400#	297	Start 4# 20/40
35	2200#	336	Start 5# 20/40
35	2000#	383	Start 6# 20/40
42	2000#	434	Start 7# 20/40
42	2000#	550	Start flush
	2800#	692	Shut dn - job complete

ISIP = 2000#, 15 min = 1700#

Today's Operation: Flow back after frac. Daily cost $14,710; CCC $67,834

9-22-88 Check pressures: CP = 1520#. Well blew to 0# in 3-1/2 hrs. RIH w/tbg and tag sand @ 6160'. Clean out to RBP @ 6240'. Move RBP to 6010' and set & test. POH. RU Welex and perf 5896'-5900', 5902'-14' w/4" casing guns, 4 SPF, 90 DEG phasing. SDFN. Daily cost $6,180; CDC $74,014

9-16-88 Day 5. SITP 50#, SICP 0# (PKR). RU & swab well. Had no fluid entry overnight and during four hourly runs. SION. Today's Operation: Frac interval 6304'-09' w/Western Company. Daily cost $4,764; CCC $19,058

9-17-88 Day 6. RU Western Co to frac interval 6304'-10'. Started pad but had to shut down due to high surface treating pressure. RU Welex & RIH w/4" casing gun. Unable to get below 1500' (heavy oil). RD Welex. RIH w/2-7/8" tbg to 2000'. Circ well w/ 75 bbls of 3% KCL @ 300 DEG F. POOH w/tbg. RU Welex & RIH w/4" csg gun. Reperforate interval 6304'-10', 4 SPF, 120 DEG phasing. Rig Western Co. back up and frac as follows:

Rate (BPM)	Pressure	Volume (Bbls)	Event
5.0		0	Start pad
32.0	4000	146	Pad @ perfs
35.0	3900	250	Start 1/2# 20/40
35.0	3800	299	Start 1# 20/40
36.0	3500	349	Start 2# 20/40
36.0	3500	396	1/2# @ perfs
36.0	3300	401	Start 3# 20/40
35.0	3300	445	1# @ perfs
35.0	3300	481	Start 4# 20/40
35.0	3400	495	2# @ perfs
35.0	3000	564	Start 5# 20/40
35.0	3850	635	Flush early
10.0	5000	642	Shut down **(Screen out)**

5 min 3000, 10 min 2600, 15 min 2200. SION. Today's Operation: Clean out sand and swab test interval 6304'-10'. Daily cost $23,311; CCC $42,369

9-18-88 Day 7. Check pressure: 1500# SICP. Flow well to pit on 12/64" chk. Well blew dead in 90 min. and recovered 60 bbls sand laden fluid. RIH w/2-7/8" tbg w/notched collar. Circulated well clean every 1000' w/3% KCL. Tagged solid sand column @ 6186'. Cleaned out to PBTD @ 6322'. Pull tbg to 6180'. RU and swab well. Fluid level @ surface. Made 21 runs and recovered 103 bbls fluid. Had 5% oil recovery on last 6 swab runs and slight gas show. Left fluid level @ 3200'. SION. Today's Operation: Swab test interval 6304'-10'. Daily cost $2,323; CCC $44,692

NGC OPERATED - COMPLETION

NGC Energy Company
Pleasant Valley
Federal #24-33-B TIGHT HOLE

1980' FWL 660' FSL, SE/SW Sec 33-T8S-R16E, Duchesne Co., UT. PTD 6500'. Objective: Green River. Elevations: 5715'GR, 5730'KB. BPO NGCEC has 100% WI; 81.25% NRI. APO NGCEC has 75% WI; 65.625% NRI. (87.5% NRI Lease). Contractor: Western Oil Well Service Rig #21. Spud: 8/15/88 (DHD); 8/20/88 (CORO). AFE #8908. TOTAL AFE AMT $429,145. DRLG AFE AMT $118,870. COMP AFE AMT $310,275.

Note: **Under the Farmin agreement, this well must be completed by November 18, 1988.**

9-8-88	Land and test tubing spool. Set & test deadmen. Dress location. Today's Operation: Waiting on completion tools. **Daily cost $2,350; CCC $2,350**
9-9-88	Waiting on completion tools. CCC $2,350
9-12-88	Waiting on completion tools. CCC $2,350
9-13-88	Day 2. MIRU Western Oil Well Service Rig #21. NU BOP's. Hook up pump & lines. PU 4-1/2" mill & 5-1/2" csg scraper & RIH w/80 jts of 2-7/8" 6.5# J-55 EUE tubing. SION. Today's Operation: Clean out to PBTD and run Cement Bond Log. Daily cost $2,517;' CCC $4,867
9-14-88	Day 3. Finish RIH w/2-7/8" tbg, mill & scraper. Tagged PBTD @ 6322'. Circ hole clean w/3% KCL wtr. POOH w/tbg and tools. RU Welex and run Cement Bond Log from 6322' to 2150'. Est cement top @ 2400'. Pressure test casing to 4000#. Held OK. SION. Daily cost $4,730; CCC $9,597
9-15-88	Day 4. PU Howco 5-1/2" RTTS PKR and RIH w/2-7/8" tbg. Set PKR @ 6186' and pressure test to 2000# - held OK. RU and swab down tbg to 6100'. RU Welex. RIH w/1-9/16" thru tbg gun and perforate interval 6304'-09', 4 SPF, 0 DEG phasing. RU and swab well. No fluid entry. Pump & fill tbg w/3% KCL. Broke down perfs @ 2800#. Avg injection rate - 2 BPM @ 2200#, ISIP 1800#. RU & swab well dry. Recovered 36 bbls KCL wtr w/ very small trace of oil & whisper of gas. SION. Today's Operation: Test interval 6304'-09'. Daily cost $4,697 CCC $14,294

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 03 1988
DIVISION OF OIL, GAS & MINING

CONFIDENTIAL

1. OIL WELL [X] GAS WELL [ ] OTHER	5. LEASE DESIGNATION AND SERIAL NO.: U-49092
2. NAME OF OPERATOR: NGC ENERGY COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078	7. UNIT AGREEMENT NAME:
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2103' FWL, 330' FSL, SE/SW	8. FARM OR LEASE NAME: Federal
	9. WELL NO.: 24-33-B
	10. FIELD AND POOL, OR WILDCAT: Monument Butte
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E
14. PERMIT NO.: 43-013-31214	15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR
	12. COUNTY OR PARISH: Duchesne
	13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Weekly Status Report			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Attached is the weekly status report for the subject well from September 24 through September 30, 1988.

Copies: Div OG&M; DGWooden; WGPaulsell; SFurtado; BHill; LJorgensen; HCulp

18. I hereby certify that the foregoing is true and correct

SIGNED Karla Hanberg Karla Hanberg TITLE Office Supervisor DATE Sept. 30, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Federal #24-33-B cont'd ...

Rate (BPM)	Pressure (Casing)	Volume (BBLS)	Event
55	1900	1457	6-1/2# 16/30 @ perfs
55	2000	1535	Start flush
55	2000	1550	7# 16/30 @ perfs
55	2900	1649	Shut down

ISIP = 1800#
Avg 50 BPM @ 2000#
Max press 2900#
Daily cost $29,673; CCC $150,961

9-30-88 Day 17. Check pressures: SICP = 0. RIH & tag sand @ 4769'. Clean out to RBP @ 5100'. POOH w/RBP. RIH & tag sand @ 6300'. Pull up 4 jts & start swabbing. Made 4 swab runs (24 bbls) & well start flowing. Flowed 40 bbls, 5% oil, quite gassy. Close well in & SDFN. Daily cost $1,999 CCC $152,960

Federal #24-33-B cont'd ...

Rate (BPM)	Pressure (Casing)	Volume (BBLS)	Event
35.6	1500	653	6# 16/30 @ perfs
35.6	1500	662	Start flush
35.6	1700	717	7# 16/30 @ perfs
35.6	2100	786	Shut down

ISIP = 1600
15 min = 1400
786 Bbls of fluid
38,500# 20/40 sand
28,000# 16/30 sand

Today's Operation: Flow back after frac and move up to next interval. Daily cost $17,502; CCC $110,438

9-28-88 Day 15. Check pressure 650#. Flow well to pit on 12/64" choke. Well blew dead in 30 min. RIH w/2-7/8" tbg & Howco ret tool. Tagged sand @ 5406'. RU & clean out sand to RBP @ 5470'. Release RBP & move up to 5100'. Reset RBP & pressure test to 2000# - held ok. POOH w/tbg. RU Welex. RIH w/4" csg guns and perforate intervals 4934'-64', 4992'-5004', 4 SPF, 120 DEG phasing. PU Howco RTTS PKR & RIH w/tbg. Set pkr @ 4970'. Pump into interval 4934'-64'. Perfs broke @ 2200# Avg 4 BPM @ 1800#. Pump into interval 4992'-5004'. Perfs broke @ 1800#. Avg 4 BPM @ 1350#. Used 3% KCL water to break down. POOH w/tbg and PKR. Fill casing w/3% KCL water. SION. Daily cost $10,850; CCC $121,288

9-29-88 Day 16. RU Smith Energy & frac interval 4934'-5004' as follows:

Rate (BPM)	Pressure (Casing)	Volume (BBLS)	Event
45	2200	0	Start Pad
45	1900	144	Pad @ perfs
45	1900	595	Start 1# 20/40
45	1800	655	Start 2# 20/40
45	1900	709	1# @ perfs
45	1900	725	Start 3# 20/40
45	1900	769	2# @ perfs
45	1800	807	Start 4# 20/40
45	1800	839	3# @ perfs
45	1800	899	Start 5# 20/40
48	1800	921	4# @ perfs
50	1800	1004	Start 5-1/2# 20/40
50	1800	1013	5# @ perfs
50	1800	1118	5-1/2# @ perfs
50	1800	1129	Start 6# 20/40
50	1800	1243	6# @ perfs
50	1800	1254	Start 6# 16/30
50	1800	1343	Start 6-1/2# 16/30
50	1800	1368	6# 16/30 @ perfs
50	1800	1436	Start 7# 16/30

Federal #24-33-B cont'd ...

9-23-88 RU Smith Energy and frac as follows:

Rate (BPM)	Pressure	Volume (Bbls)	Event
35	2000#	136	Pad of form
35	2100	238	Start 1# 20/40
35	2100	275	Start 2# 20/40
35	2100	317	Start 3# 20/40
35	1900	363	Start 4# 20/40
35	1900	414	Start 5# 20/40
35	1700	468	Start 6# 20/40
35	1700	529	Start 6# 16/30
35	1800	593	Start 7# 16/30
40	1850	604	6# 20/40 on form
40	1900	662	Start flush
40	1900	665	6# 16/30 on form
40	2200	729	7# 16/30 on form
30	3900	794	Shut down

Total sand = 66,500#, Total fluid = 24,800 gal
ISIP = 3800#, 15 min = 1900#. Today's Operation: Flow back after frac. Daily cost 15,352; CCC $89,366

9-24-88 Check Pressure: 19 hr SICP = 775#. Flow well to pit on .2/64 choke (30 Bbl/hr). Well blew down in 1-1/2 hrs and recovered 45 bbls water. PU Howco ret. tool & RIH w/2-7/8" tbg. Tagged sand @ 5938'. RU and clean out sand to RBP @ 6010'. Release RBP, move up and reset @ 5470'. Pressure test RBP to 2000#. Held OK. POOH w/tbg. RU Welex & RIH w/4" casing gun and perf 5378'-94' 4 SPF 120 DEG phasing. Fill hole w/3% KCL. Shut down for weekend. Today's Operation: Shut down for weekend. Prep to frac Monday A.M. Daily cost $3,500; CCC $92,936

9-27-88 Day 14. RU Smith Energy Company and frac as follows:

Rate (BPM)	Pressure (Casing)	Volume (BBLS)	Event
35	0	0	Start pad
35	2100	125	Pad @ perfs
35.5	2100	238	Start 1# 20/40
35.5	2100	275	Start 2# 20/40
35	2000	317	Start 3# 20/40
35.6	1800	362	1# @ perfs
35.6	1800	363	Start 4# 20/40
35.6	1700	399	2# @ perfs
35.6	1650	414	Start 5# 20/40
35.6	1650	441	3# @ perfs
35.6	1600	468	Start 6# 20/40
35.5	1600	481	4# @ perfs
35.6	1600	529	Start 6# 16/30
35.6	1600	538	5# @ perfs
35.6	1450	592	6# 20/40 @ perfs
35.6	1450	593	Start 7#

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

14

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. [ ]

8. FARM OR LEASE NAME: Federal

2. NAME OF OPERATOR: NGC Energy Company

9. WELL NO.: 24-33-B

3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078

10. FIELD AND POOL, OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface: 2103' FWL, 330' FSL, SE SW
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 33, T8S, R16E

CONFIDENTIAL
RECEIVED
OCT 14 1988
DIVISION OF
OIL, GAS & MINING

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-31214	7/22/88	Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8/15/88	8/30/88	10/1/88	5670' GR	5670'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6411'	6329'		→	XX	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Green River: 6304-09, 6144-54, 5896-5900, 5902-14, 5378-94, 4992-5004, 4934-64

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-SFL-FDC-CNL-CBL

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	47#/53.5#	310'	12-1/4"	165 sx "G" + 2% $CaCl_2$	
5-1/2"	17#	6410'	7-7/8"	lead: 125 sx Howco Silica lite tail: 500 sx "G" + 10% calseal	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	6162'	N/A

31. PERFORATION RECORD (Interval, size and number)
4934-6310 (360 holes)
4" casing gun
4 spf, 120° phasing

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4934-5004	61726 gal, 153193# sd
5378-5394	30206 gal, 69585# sd
5896-5914	30421 gal, 70363# sd
6144-6154	27059 gal, 57693# sd
PRODUCTION 6304-6310	12670 gal, 17500# sd

33.*

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10/9/88	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/9/88	24	--	→	37	0	40	N/A

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
---	15#	→	---	---	---	32.0

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for fuel and sold or vented

TEST WITNESSED BY: Pete Heddleson

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

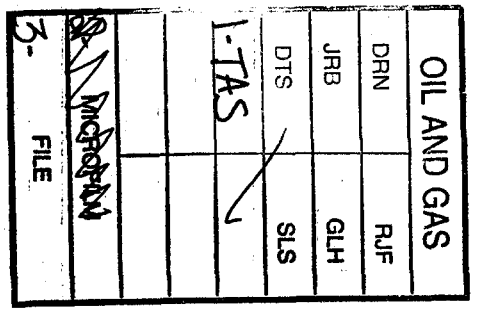
SIGNED Mike McMican Michael L. McMican TITLE Petroleum Engineer DATE 10-11-88

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.



38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	Meas Depth	Subsea
Top	1757'	+3958'
A	4267'	+1448'
B	4509'	+1206'
DC Marker	4906'	+ 809'
D	5160'	+ 555'
E	5280'	+ 435'
E_2	5449'	+ 266'
F	5812'	- 97'
Basal LS	6232'	- 517'

Copies: Div. OG&M; LKeller; BHill; PSchnurr; Ralph E. Davis; DGWooden; SFurtado; MClarke; IChai; HCulp

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 14 1988
DIVISION OF OIL, GAS & MINING

CONFIDENTIAL

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NGC ENERGY COMPANY

3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2103' FWL, 330' FSL, SE/SW

5. LEASE DESIGNATION AND SERIAL NO.: U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Federal

9. WELL NO.: 24-33-B

10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E

14. PERMIT NO.: 43-013-31214

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Initial Production			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the subject well was put on production October 7, 1988 at 4:30 p.m. Initial production for October 9, 1988, was 37 bbls. of oil, 40 bbls. of water.

Future reports will be on Form 3160-6, Monthly Report of Operations.

Copies: Div OG&M; DGWooden; WGPaulsell; SFurtado; BHill; LJorgensen; HCulp

18. I hereby certify that the foregoing is true and correct

SIGNED Karla Hanberg Karla Hanberg TITLE Office Supervisor DATE October 12, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CONDITIONS OF APPROVAL FOR GAS VENTING/FLARING
Federal 24-33-B
Section 33, Township 8 South, Range 16 East
Uintah County
API No. 43-047-31214
December 2, 1988

Based on verbal communication between John Baza of the Utah Division of Oil, Gas and Mining and Jerry Kenczka of the U. S. Bureau of Land Management, the operator shall comply with the following conditions during the period of gas venting/flaring:

1. The well may be fully produced and associated gas vented or flared as long as the producing gas-oil ratio (GOR) remains 2000:1 or less as averaged on a monthly basis.

2. If the GOR exceeds 2000:1, the well may be produced on a restricted basis - the restricted rate of gas production being equivalent to what a well having a GOR of 2000:1 would produce at 100 percent deliverability, or alternatively, the restricted rate of gas production shall be 100 MCF per day maximum. The operator may vent or flare the greater of either amount.

3. The operator shall also comply with the applicable federal regulations and federal lease requirements concerning oil and gas operations, including any other conditions of approval issued by the U. S. Bureau of Land Management in this matter.

OI3/20

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 21 1988
DIVISION OF OIL, GAS & MINING

CONFIDENTIAL

1. OIL WELL [X] GAS WELL [ ] OTHER	5. LEASE DESIGNATION AND SERIAL NO.: U-49092
2. NAME OF OPERATOR: NGC Energy Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078	7. UNIT AGREEMENT NAME:
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2103' FWL, 330' FSL, SE/SW	8. FARM OR LEASE NAME: Federal
	9. WELL NO.: 24-33-B
	10. FIELD AND POOL, OR WILDCAT: Monument Butte
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E
14. PERMIT NO.: 43-013-31214	15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR
	12. COUNTY OR PARISH: Duchesne
	13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) NTL-2B			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Operator proposes to dispose of produced water into an underground tank. The tank will be fiberglass with a capacity of approximately 100 bbls. Water from the tank will be taken by truck and disposed of at Grant Hansen's disposal pit north of Bridgeland.

Operator also proposes construction of an emergency pit to be 20' square at surface with 1:1 slopes, 5' deep and 10' square at bottom. This pit will be fenced and bermed and only used in emergency situations. Any liquids discharged to the pit will be removed within 24 hrs.

CONFIDENTIAL

Copies: Div, OG&M; DGWooden; WPaulsell; BHill; SFurtado; LJorgensen; HCulp

18. I hereby certify that the foregoing is true and correct

SIGNED Mike McMican Michael L. McMican TITLE Petroleum Engineer DATE 10/18/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Federal Approval of this Action is Necessary

Accepted by the State of Utah Division of Oil, Gas and Mining
Date: 11-1-88
By:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

CONFIDENTIAL

RECEIVED
OCT 21 1988
DIVISION OF
OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NGC Energy Company

3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2103' FWL, 330' FSL, SE/SW

5. LEASE DESIGNATION AND SERIAL NO.: U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Federal

9. WELL NO.: 24-33-B

10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-31214

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Venting of Natural Gas			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Operator requests an extension of 90 days for the venting of natural gas. The well is presently venting approximately 490 MCF/D.

Our plans are to connect the well to Amsel's gathering system (now operated by Triangle Control Systems) which is now in operation and we expect them to tie-in this well in the near future.

CONFIDENTIAL

Copies: Div. OG&M; DGWooden; WPaulsell; BHill; SFurtado; LJorgensen; HCulp

18. I hereby certify that the foregoing is true and correct

SIGNED Mike McMican Michael L. McMican TITLE Petroleum Engineer DATE 10/19/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 12-2-88
BY: John R. Baza

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

D

UNDESIRABLE EVENT REPORT

RECEIVED
OCT 31 1988
DIVISION OF
OIL, GAS & MINING

Subject: Report of Undesirable Event

Date of Occurrence: 10/27/88 Time of Occurrence: Approx. 6:00 (a.m.), p.m.

Date Reported to USGS: 10/27/88 Time Reported to USGS: 3:30 a.m., (p.m.)
Byron Tolman

Location: State Utah; County Duchesne

SE 1/4 SW 1/4 Section 33 T. 8S., R. 16 E., SLB & Meridian

Operator: NGC Energy Company

Surface Ownership: FEDERAL, INDIAN, FEE, STATE

Lease Number: U-49092; Unit Name or C.A. Number _____

Type of Event: BLOWOUT, FIRE, FATALITY, INJURY, PROPERTY DAMAGE, (OIL SPILL), SALTWATER SPILL, TOXIC FLUID SPILL, OIL AND SALTWATER SPILL, OIL AND TOXIC FLUID SPILL, SALTWATER AND TOXIC FLUID SPILL, GAS VENTING, or OTHER (Specify) _____

Cause of Event: Well surged and overflowed the heater treater resulting in a gas/oil mist being sprayed and wind blown across some of the location and equipment and some off location.

Volumes of Pollutants I. Discharged or Consumed: Estimated 30 bbls.
II. Recovered: Estimated 15 bbls.

Time Required to Control Event (in hours): Approx. 5 min. to shut in well

Action Taken to Control the Event, Description of Resultant Damage, Clean-up Procedures, and Dates: Site and equipment cleaned as well as possible with backhoe and hot water on 10/27/88.

Cause and Extent of Personnel Injury: None

Other Federal, State, and Local Governmental Agencies Notified: N/A

Action Taken to Prevent Recurrence: Heater treater adjusted and well choked back.

General Remarks: _____

Signature _____ Date October 27, 1988

Title Michael L. McMican
Petroleum Engineer

11/22/88 D E T A I L W E L L D A T A B Y A P I MENU: OPTION 00
API NUMBER: 4301331214 PROD ZONE: GRRV SEC TWNSHP RANGE QR-QR
ENTITY: 10913 ( ) 33 08.0 S 16.0 E SESW
WELL NAME: FEDERAL 24-33-B
OPERATOR: N0700 (NATURAL GAS CORP OF CA) MERIDIAN: S
FIELD: 105 (MONUMENT BUTTE
CONFIDENTIAL FLAG: C CONFIDENTIAL EXPIRES: 900101 ALT ADDR FLAG:
  * * * APPLICATION TO DRILL, DEEPEN, OR PLUG BACK * * *
1B. TYPE OF WELL (OW/GW/OT) OW 5. LEASE NUMBER: U-49092 LEASE TYPE: 1
 4. SURFACE LOC: 0330 FSL 2103 FWL 7. UNIT NAME:
  PROD ZONE LOC: 0330 FSL 2103 FWL 19. DEPTH: 6500 PROPOSED ZONE: GRRV
21. ELEVATION: 5670' GR APD DATE: 880722 AUTH CODE: R615-3-3
  * * * COMPLETION REPORT INFORMATION * * * DATE RECD: 881014
15. SPUD DATE: 880815 17. COMPL DATE: [redacted] 20. TOTAL DEPTH: 6411
24. PRODUCING INTERVALS: 4934-64,4992-5004,5378-94,5902-14,5896-5900,6144*
 4. BOTTOM HOLE: 0330 FSL 2103 FWL 33. DATE PROD: 881009 WELL STATUS: POW
24HR OIL: 37 24HR GAS: 0 24HR WTR: 40 G-O RATIO: 0
  * * * WELL COMMENTS * * * API GRAVITY: 32.00
  880815 REQUEST FOR CONF STATUS EFF 8/12/88:880818 ENTITY ADDED:
  *6154,6304-6309

OPTION: 21 PERIOD(YYMM): 8801 API: 4301331214 ZONE: GRRV ENTITY: 10913

SLT

Natural Gas
Corporation of
California

October 28, 1988

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, UT 84078

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: Report of Undesirable Event
#24-33-B Federal
SE/SW Sec. 33, T8S, R16E
Duchesne County, Utah
43-013-31214

Gentlemen:

Attached, as per NTL 3A, is a completed report describing an oil spill which occurred on our Lease U-49092 October 27, 1988. The oil was mostly contained on location and cleaned up as well as possible with a backhoe and hot water.

Please contact me in the Vernal office if any additional information is needed.

Sincerely,

Mike McMican

Michael L. McMican
Petroleum Engineer

MLM/kh

Attachments

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

GEOLOGICAL WELLSITE REPORT

NGC Energy Company

NGC #24-33-B
SE SW Sec. 33, T8S, R16E
Duchesne County, Utah

John R. Wingert
Consultant

WELL DATA

OPERATOR: NGC Energy Company

WELL NAME: NGC #24-33-B

LOCATION: SE SW Sec. 33, T8S, R16E
2103' FWL, 330' FSL
Duchesne County, Utah
43-013-31214

FIELD: Monument Butte

ELEVATION: G.L. 5715' K.B. 5730'

SPUD DATE: 8/15/88

T.D. REACHED: 8/29/88

TOTAL DEPTH: 6408' Welex, 6411' Driller

FM. AT T.D.: Green River

HOLE SIZE: 12-1/4" Surface to 310'

BIT RECORD: 7-7/8" 310' to T.D.

CASING: 9-5/8" 47#/53.5# Surf. Csg. @ 310' w/165 sx cem.
5-1/2" 17# Prod. Csg. @ 6410' w/625 sx cem.

DRILLING CONTRACTOR: Olsen Drilling Co., Rig #5

TOOLPUSHER: Les Ecklund

DRILLING FLUID: Company: Mustang Drilling Fluids
Engineer: Craig Hart
Type: KCL Water

MUDLOGGING: Melton Enterprises, Inc.
Art Melton and David Merkley

DST'S: None.

CORES: None.

SAMPLE PROGRAM: 3500' to T.D. 10' samples with 5' samples in main objective zones.

OPEN HOLE LOGS: Welex
Dual Induction Guard Log 6406-308'
Compensated Density Dual Spaced Neutron Log 6406-308'

GEOLOGICAL SUPERVISION: John R. Wingert, Consultant

ENGINEER: Mike McMican, NGC

WELL STATUS: Ran 5½" production casing for completion in multiple Lower Green River formation sands.

LOG TOPS

Uinta	Surface
Green River	1757
"A"	4267
"B"	4509
"D.C."	4906 (+824)
"D"	5160
"E"	5280
"E2"	5449
"F"	5812
Basal Ls	6232
T.D. Logger	6408
T.D. Drlr.	6411

Oil and Gas Zones: Gross Interval 4934-6310'

ZONES RECOMMENDED FOR COMPLETION

Interval	Zone	Ft. Pay	% Porosity	Mud Gas Max. Units
4478-82	"A"	4'	14	120
4487-92	"A"	4'	15	170
4677-84	"B"	6'	14-16	290
4936-64	"D.C.(2)"	28'	18-22	340
4992-5004	"D.C.(4)"	12'	16-18	300
5382-88	"E(d)"	6'	12-14	90
5388-94	"E(d)"	6'	14-20	450
5823-26	"F(1)"	2'	13	280
5827-31	"F(1)"	3'	17	360
5894-5900	"F(3)"	4'	13	150
5902-14	"F(3)"	12'	13-15	240
6000-06	Lwr "F"	6'	12-21	140
6144-54	Lwr "F"	10'	14-15	230
6304-10	Basal Ls	6'	12-16	540

SAMPLE DESCRIPTIONS

Lagged Samples

3500-40	Sh, brn, limey, v. pr smp w/pieces metal.
3540-80	Sh, brn, v. limey, hd, gds to & intbd w/Ls, tan, hd, tite, dull yell min fluor. Cuttings v. fine.
3580-3680	Ls, tan to brn, pt wh chalky w/yell min fluor. Grades to sh, brn limey, hd, yell-gold min fluor. Minor strgs Ss, lt gy, calc, vfn gn, tite NSOFC. Incr background gas w/total gas peaks to 190 units. No reservoir rocks or vis stn. Smp vfn gn, poor.
3680-3750	Ls, tn to med brn, gds to sh, brn, v. limey hd tite, dull yell-gold min fluor. Background gas 20-30 units w/peaks to 104 units. Vfn chips in smp.
3750-3920	Sh, brn, limey hd, w/abd dull gold min fluor, minor intbd gy-grn sh, calc. Tr Ss, lt gy, calc, vfn-fn gn, argill, pr sort, tite, NSOFC. Minor mud gas from shale. Background total gas 10 units.
3920-4050	Sh, brn, limey w/dull gold fluor, minor gy-grn sh, soft, calc, tr Ss, gy, vfn gn, tite, NSOFC. Shale gas background 20-30 units w/peaks 70-160 units.
4050-4150	Sh, brn, limey w/dull gold min fluor, intbds & strgs. Sh, gy-grn, calc, pt slty. Background gas decr to 10 units.
4150-4240	Sh, brn, limey aa w/gold min fluor. Sli incr Ss strgs, gy, calc, vfn-fn gn, pr sort, s-ang to s-rnd, tite, NSOFC. Background total gas 10 units.
4240-74	Sh, brn, limey aa w/dull gold min fluor, minor strgs, gy-grn sh, calc, pt slty. Tr Ss, gy, calc, vfn-fn gn, pr sort, s-ang, low por, tite NSOFC.
4274-80 Top "A"	Ss, lt gy, calc, vfn-fn gn, low por, tr spotty v. lt stn, dull yell fluor, fr-gd streaming cut. Total gas 4271-73 & 4278-80, Max 250 units.
4280-4342	Sh, brn, limey w/dull yell-gold fluor, aa. Tr Ss, gy, vfn-fn gn, pr sort, low por to tite, tr spotty lt brn oil stn, yell fluor, v. wk cut.
4331-38	Ss, gy, calc, vfn-fn gn, pr sort, s-ang, low por-tite, tr lt brn stn w/dull yell fluor & v. wk cut. No gas incr.
4338-42	Sh, brn limey aa. Trip for new bit @ 4342. Circ smp off btm 30 min.
4342-4431	Sh, brn, limey, hd, dull gold min fluor. Minor gy-grn sh strgs. Ls, lt gy-tn, hard. Ss, tr lt gy, calc, vfn-fn gn, tr lt brn spotty stn, wk fluor & v. wk cut. Total gas 10 units.

4431-35	Ss, gy to grn-gy, calc, vfn gn, gds to sdy sltstn, tite, no vis stn. Total gas 6/36/8.
4435-75	Sh, brn, limey, hd, abd gold min fluor. Minor strgs sh, gy-grn, calc, slty.
4477-80	Ss, gy, calc, vfn-fn gn, pr sort, low por to tite, no vis stn, dull yell fluor, wk cut. Total gas 6/88/8. Tr free oil on smp.
4480-88	Sh, brn, limey w/gold min fluor aa.
4488-92	Ss, lt gy, calc, vfn gn, low por, tr lt brn stn in sd, tr dull yell fluor, wk to no cut. Abd brn limey sh & dk gy to blk sh. Abd oil in smp - may be from sh or frac. Total gas 10/120/50.
4492-94	Sh, brn limey aa.
4494-98	Ss, aa, spotty brn oil stn, fr-gd yell fluor & cut. Total gas 50/170/10. Free oil in smp.
4498-4580	Sh, dk brn aa w/gold min fluor w/sh dk gy, pt soft, pt slty, calc.
4580-4594	Sh, brn to dk gy aa w/gold min fluor.
4594-97	Ss, gy, calc, vfn-fn gn, pr sort, low-fr por, tr spotty lt brn stn, dull yell fluor, wk-fr cut. Total gas 10/200/10.
4597-4620	Sh, brn, limey w/gold fluor aa. Tr Ss w/wk fluor & cut aa. Background gas 10 units.
4620-32	Sh, blk, calc, fissile, soft. Total gas 10/54/10 from 4622-25.
4632-35	Sh, brn hd aa w/gold min fluor.
4635-41	Sh, blk soft, fissile. Total gas 10/110/30.
4641-48	Sh, brn, limey, hd w/gold min fluor. Abd intbd sh, grn-gy, calc, pt slty.
4648-56	Ss, gy, calc, vfn-fn gn, s-ang to s-rnd, low por to tite, tr lt spotty stn, dull yell fluor, wk to no cut. Smp pred sh, brn, limey aa. Total gas 15/240/20.
4656-76	Sh, brn, hd limey w/gold min fluor & sh, grn-gy, calc, pt slty aa. Minor Ss, no vis stn, tr dull fluor & wk to dom, no cut.
4676-86 "B"	Ss, gy to grn-gy, calc, vfn-fn w/occ med gn, biotite & dk min, pr sort, fr to low por, tr dull yell-gold fluor, no vis stn, wk to no cut. Total gas 6/290/10. Smp pred sh, brn, hd, limey w/gold min fluor.
4686-4740	Sh, brn, limey, w/gold min fluor aa. Minor grn-gy sh, calc, pt slty, tr Ss.

4740-60	Sh, brn, limey w/gold min fluor. Ss, 2-3%, gy, calc, vfn-fn gn, s-ang, pr sort, tr lt brn spotty oil stn w/dull yell fluor, v. wk milky cut.
4760-4913	Sh, brn, limey w/gold min fluor, w/minor gy-grn slty sh, calc. Tr Ss, grn-gy, calc, vfn-fn gn, low por to tite, NSOFC. Background gas 4 to 6 units.
4913-17	Ss, tr in smp, gy, calc, vfn gn, tite, no vis stn. Total gas 30/110/16.
4917-34	Sh, brn, limey hd, gold min fluor.
4934-40	Ss, slty, vfn gn, dom sh in smp aa.
4940-66 D.C.(2)	Ss, gy, calc vfn-fn gn, fri, gd por, fr sort, s-ang to s-rnd, spotty to even stn, bri yell fluor, gd str cut, drilled 26' in 24 min., Smp dom brn sh aa. Total gas 4/350/18.
4966-96	Sh, brn, limey hd w/gold min fluor.
4996-5005 D.C.(4)	Ss, gy, calc, vfn gn, s-ang to s-rnd, fr sort, fri, fr-gd por, spotty to even stn, yell fluor & str cut. Smp dom sh, brn, limey w/gold min fluor. Total gas 8/350/15.
5005-5048	Sh, brn, limey, mod hd w/abd grn-gy sh, calc, pt slty, soft. Thin intbds, Ss, gy to grn-gy, calc, vfn gn slty NSOFC. Trip to replace cracked drill pipe. Pump pressure dropped 150 psi. Replaced two joints. 240 units trip gas.
5048-90	Sh, brn, limey, hd, gold min fluor, intbds, sh, grn-gy, calc, pt slty, ±1% Ls, tank, argill, pt soft, yell min fluor. Minor strgs, Ss, gy to grn-gy, calc, vfn gn, s-ang, tite, tr lt brn stn w/yell fluor & cut, dom, NSOFC.
5090-5120	Sh, brn, limey aa w/incr sh, grn-gy, calc, slty ±40% Ss, lt gy aa, NSOFC.
5120-27 D.C.(5)	Ss, lt gy, calc, vfn-fn gn, s-ang to s-rnd, no vis stn, abd free dk brn oil over shaker, total gas 10/310/50. Smp pred brn, limey sh, minor Ss in smp. Drill time - two min/ft.
5127-47	Sh, brn limey aa w/±40% sh, grn-gy aa. Strg Ss aa. 40/110/20.
5147-57	Ss, slty (?) pr smp dom brn sh, no vis stn. Total gas 60 units, Minor soft blk fissile shale.
5157-60	Ss, v. pr smp, dom brn sh, Ss, grn-gy, calc, vfn-fn gn slty, clayey, tite, no vis stn or fluor, no cut. Total gas 50/240/50.
5160-80	Sh, brn, limey aa w/intbds grn-gy sh, calc, slty aa. Strgs Ss, gy, calc, vfn gn, low por, pt lt brn oil stn, yell fluor, gd streaming cut. Total gas 50/200/50.

5180-90	Sh, grn-gy, calc, pt slty, w/abd brn limey sh. Ss, strgs, grn-gy to gy, calc, vfn gn, slty, low por to tite, occ lt brn stn, yell fluor, wk to gd str cut. Total gas 50/180/40.
5190-5290	Sh, grn-gy, calc, pt slty, ±50% sh, brn, limey w/dull gold min fluor. Ss, strgs, gy to grn-gy, calc, slty, vfn gn, tite, NSOFC. Mud gas background 15-40 units.
5290-5310	Sh, blk, carb, fissile, calc, soft. Brn & grn-gy sh aa in smp. Total gas 50 units 5290-5300, 50-170 units @ 5300-10.
5310-30	Sh, pred brn limey w/grn-gy sh aa. Total gas 10-20 units background.
5330-60	Sh, pred grn-gy, calc, pt slty w/decr brn limey sh, minor blk fissile sh. Minor strgs Ss, grn-gy, calc, argill, vfn-fn gn, pr sort, tite, NSOFC.
5360-92	Sh, pred brn, limey w/gold min fluor.
5392-5397 E(d)	Ss, gy, calc, vfn-fn gn, s-ang to s-rnd, low-fr por, brn oil stn, oil in smp, some oil on frac. Drilled 1 to 2 min/ft. 20/350/25.
5397-30	Sh, brn, limey, gold min fluor, minor grn slty sh, calc, soft.
5430-42 E(e)	Ss, gy, calc, vfn gn, s-ang, even to spotty brn oil stn, low por to dom tite, gd fluor & cut. Drld 2 min/ft 36-42. 30-40 units during drlg brk and 90 units max below @ 5442-46.
5442-5499	Sh, brn, limey aa, w/gold min fluor. Intbd sh, grn-gy, calc, pt slty, minor Ss w/brn stn, yell fluor & cut aa. Mud gas recorder zeroed - no valid readings.
5499-5521	Sh, blk, carb, fissile soft, drilled 1½ to 2 min per ft. No mud gas readings through this interval.
5521-45	Sh, intbd, brn limey w/gold min fluor, grn-gy, calc soft and blk carbonaceous aa.
5545-49 E(2)	Ss, gy, calc, vfn-fn gn, fr sort, s-ang to s-rnd, fri fr-gd por, even brn oil stn, yell fluor, gd streaming cut. Smp pred sh aa incl, blk carb sh. Total gas 6/60/10.
5549-81	Sh, brn, limey gold min fluor to pred sh, dk gy to blk, calc, pt v. carb fissile, soft. Strg, ls, tan to wh, argill.
5581-5605	Sh, blk carbonaceous, v. calc, fissile, v. soft. Drilled @ about 1 min/ft. throughout. Total gas 20/70/30 5582-88.
5605-30	Sh, dk gy, calc, fissile, soft to mod hd, pt may be cvgs. Background total gas 10 units.
5630-87	Sh, brn, limey w/gold min fluor, intbds, dk gy sh aa, fissile to slty, minor grn-gy sh and minor strgs Ss, grn-gy to gy, calc, argill, vfn gn, pr sort low por, tite, NSOFC. Background total gas 8-10 units.

5687-99 Sh, blk, carbonaceous, calc, fissile, soft. Occ v. thin strgs, Ss, gy, calc, vfn-fn gn, fri, low-fr por, even oil stn, gd yell fluor & cut. Drilled @ 1 min/ft. Total gas 10/50-70/20.

5699-5706 Sh, brn, limey, gold min fluor & sh, dk gy to blk, calc.

5706-09 Sh, blk, calc, v. carbonaceous, soft, fissile, tr pyrite. Total gas 20/70/20.

5709-17 Sh, brn, limey, gold min fluor w/grn-gy sh.

5717-25 Sh, blk, calc, soft, fissile, 20 units total gas.

5725-48 Sh, brn, limey aa w/grn-gy sh. V. thin Ss strgs, gy, vfn gn, tite, pt lt brn stn, yell fluor & fr cut background gas 10-15 units.

5748-57 Sh, blk, calc, slty, soft fissile. Total gas 20/70/20.

5757-76 Sh, brn, limey w/gold min fluor gds to dk gy calc sh, hd, background gas 20 units.

5776-5803 Sh, blk, calc, carbonaceous, soft, fissile, tr pyrite. Total gas 20/100/20 w/peak to 160 units @ 5800-03.

5803-30 Sh, brn, limey, hd & sh, dk gy-blk, calc. Minor Ls, tn-lt brn, w/tr free oil. Ss, tr, vfn gn, tite w/brn oilstn, yell fluor & fr-gd cut. Total gas 5829-30 10/280/20.

5830-36 F(1) Ss, gy, calc, fn gn, s-ang to s-rnd, fri, lse gns in smp, gd por, free oil in smp, blk oil stn in sd, yell fluor, gd str cut. Total gas 20/360/12.

5836-61 Sh, brn, limey w/gold min fluor intbd w/sh, blk to dk gy, calc, hd. Background gas 12 units.

5861-63 Ss, gy to grn-gy, calc, vfn-fn gn, s-ang to s-rnd, pt well cem, pt fri, low por, free oil in smp, pt brn stn in sd, fr-gd cut, drilled 1-1½ min/ft. Total gas 10/125/14.

5863-75 Sh, brn limey, w/gold min fluor, minor grn-gy sh, calc, slty.

5875-82 F(2) Ss, lt gy, calc, vfn gn, slty, low por to dom tite, tr brn stn, wk cut, drilled 2 min/ft. Total gas 10/96/10.

5882-92 Sh, brn, limey, gold min fluor w/minor grn-gy slty sh, calc.

5892-94 Ss, gy, calc, vfn gn, pr sort low por. 10/30/12

5894-5905 Sh, brn, limey, gold min fluor w/sh dk gy & grn-gy Ss, 5900-05 Ss, gy, calc, vfn gn, low-fr por, lt brn oil stn, yell fluor, gd cut 10/148/32 drilled 2 min/ft.

5905-17 F(3) Ss, gy, calc, fn gn, fr-gd, sort, s-rnd, v. friable, abd lse gns in smp, lt brn stn, excellent bri fluor throughout smp, v. gd cut. Total gas 20/220/10.

5917-50 Sh, brn, limey w/gold min fluor w/minor grn-gy sh, minor blk sh, calc, fissile soft (cvgs?) Tr Ss, gy, calc, vfn gn, s-ang, pr sort, low por to tite, thin strgs, pt w/dk brn oil stn, yell fluor, fr-gd cut. Background 10 units total gas.

5950-57 Ss, grn-gy, calc, vfn-fn gn, argill, pr sort, low por to tite, dom no stn, tr stn, dull yell fluor, pr to no cut. 10/36/16.

5957-6002 Sh, brn, limey, dull gold min fluor, minor grn-gy sh, calc, soft, minor blk sh, calc, soft. Strgs Ss, gy, calc, dom vfn gn, pr sort s-ang, low por to tite, tr dk brn oil stn, dull yell fluor, milky to fri streaming cut. Background gas 10 units.

6004-09 Ss, gy to grn-gy, calc, argill, vfn-fn gn, s-ang, low por to tite, tr stn in sd w/dull yell fluor, wk cut, blk oil in smp. Drld @ 1½ min/ft. Total gas 20/134/10.

6009-11 Sh, brn limey.

6011-13 Ss, gy, aa drld 1½ min/ft. Total gas 54/126/30.

6013-94 Sh, brn, limey w/gold min fluor, minor dk gy & blk, pt soft carbonaceous. Minor strgs Ss, gy, calc, vfn-fn gn, well cem, low por to tite, tr dk blk oil stn, dull yell fluor, wk to no cut. Background gas 10 units.

6094-98 Ss, gy to grn-gy, calc, vfn-fn gn, pr sort, low por, tr brn oil stn, dull yell fluor, wk cut. Drld @ 1½ min/ft. Total gas 16/56/16.

6098-6148 Sh, brn limey w/gold min fluor.

6148-58 Ss, gy, calc, vfn-fn gn, fr sort, s-ang to s-rnd, fri fr-gd por, spotty to even brn oil stn, abd free oil over shaker, gd bri yell-grn fluor, gd cut in stained cuttings. Total gas 10/230/20.

6158-82 Sh, brn to dk gy, limey, gold min fluor, minor blk sh, aa.

6182-84 Ss, gy, calc, vfn gn, low por, spotty brn stn, cut, yell fluor.

6184-94 Sh, brn, limey aa.

6194-6205 Ss, gy, calc, vfn-fn gn, s-ang, low por, spotty to even stn, yell fluor, gd cut. Total gas in spikes - erratic porosity or frac indic. Max 120 units 10 background.

6205-6239 Sh, brn to dk gy, limey, gold min fluor, intbds sh, grn-gy calc, tr Ss, gy, vfn gn, occ lt brn stn, tite.

6239-46 Ls, brn, tn, argill to dolomitic, resembles limey shale above but drilled @ 1 to 1½ min/ft. Top Basal Ls 6239'.

6246-51 Ls, brn shy w/sh blk, calc, carb, fissile. 50 - 100 units total gas, fractured (?).

6251-53 Coal, blk, brittle, concoidal frac, drld less than 1 min/ft. Background gas 50-100 units.

6253-66 Sh, blk carbonaceous, calc, coal incl, abd shy Ls & brn limey sh in smp.

6266-6310 Ls, brn argill blocky, gds to sh, limey, brn, tr Ss, gy, calc, vfn gn tr brn stn w/yell fluor & cut. Abd, sh, blk, calc, carb, fissile to brittle. Background gas w/peaks 150 to 250 units. Abd blk oil over shaker, prob frac, no vis por.

6310-24 Dlrg brks 6310-11, 6314-15, 6316-17, 6321-22, 6323-24
Inbd Ls, brn argill, part pelletal gds to sh, brn limey w/gold min fluor, abd free oil - prob from frac, no vis por. Total gas max to 540 units in peaks from alternating drilling brks. Inbds sh, blk, calc, carbonaceous, fissile to brittle.

6342-47 Ls, brn shy gds to limey sh, blocky, part pelletal, prob fractured, no vis por, tr Ss in smp, tite. Tr stn 100/250/75 total gas w/free oil in smp. Blk carb sh in smp.

6357-58 Ls, brn fractured (?), drilled 1 min/ft. 60/150/60.

6358-70 Ls, brn, shy gds to limey sh. Background gas 60 units w/intbds sh, blk calc, carbonaceous, fissile, brittle w/coal inclusions, blk, vitreous, concoidal frac.

6370-6400 Ls, brn gds to limey sh w/intbd grn-gy sh & blk fissile sh, incl, coal aa. 60 units background gas. Blk oil over shaker.

6400-11 Ls, gd to marlstone, brn w/grn-gy sh and blk carb sh intbds. Drilled at 5 min/ft.

T.D. 6411

John R. Wingert

NGC
Energy
Company

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

CONFIDENTIAL

NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC

January 17, 1989

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Ralph E. Davis Associates
3555 Timmons Lane, Suite 1517
Houston, TX 77027
Attention: James A. Simmons

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: NGC #24-33-B Federal
SE SW Section 33, T8S, R16E
Duchesne County, Utah

Gentlemen:

Attached is a final copy of the "Geological Wellsite Report" for the subject well.

If you have any questions, please contact the Vernal office.

Sincerely,

Karla Hanberg

Karla Hanberg
Office Supervisor

Attachment

cc: Vernal Well File
Paul Schnurr/Well File

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [XX] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: NGC Energy Company

8. FARM OR LEASE NAME: Federal

3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078

9. WELL NO.: 24-33-B

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2103' FWL, 330' FSL SE/SW

10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R16E

14. PERMIT NO.: 43-013-31214

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5670' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

RECEIVED
MAR 08 1989
DIVISION OF
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Site Security Plan			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Plan diagram for the subject well.

copies: [redacted]; OG&M; WGPaulsell; BHill; LJorgensen; SFurtado; HCulp

18. I hereby certify that the foregoing is true and correct

SIGNED Mike McMican Michael L. McMican TITLE Petroleum Engineer DATE 3/6/89

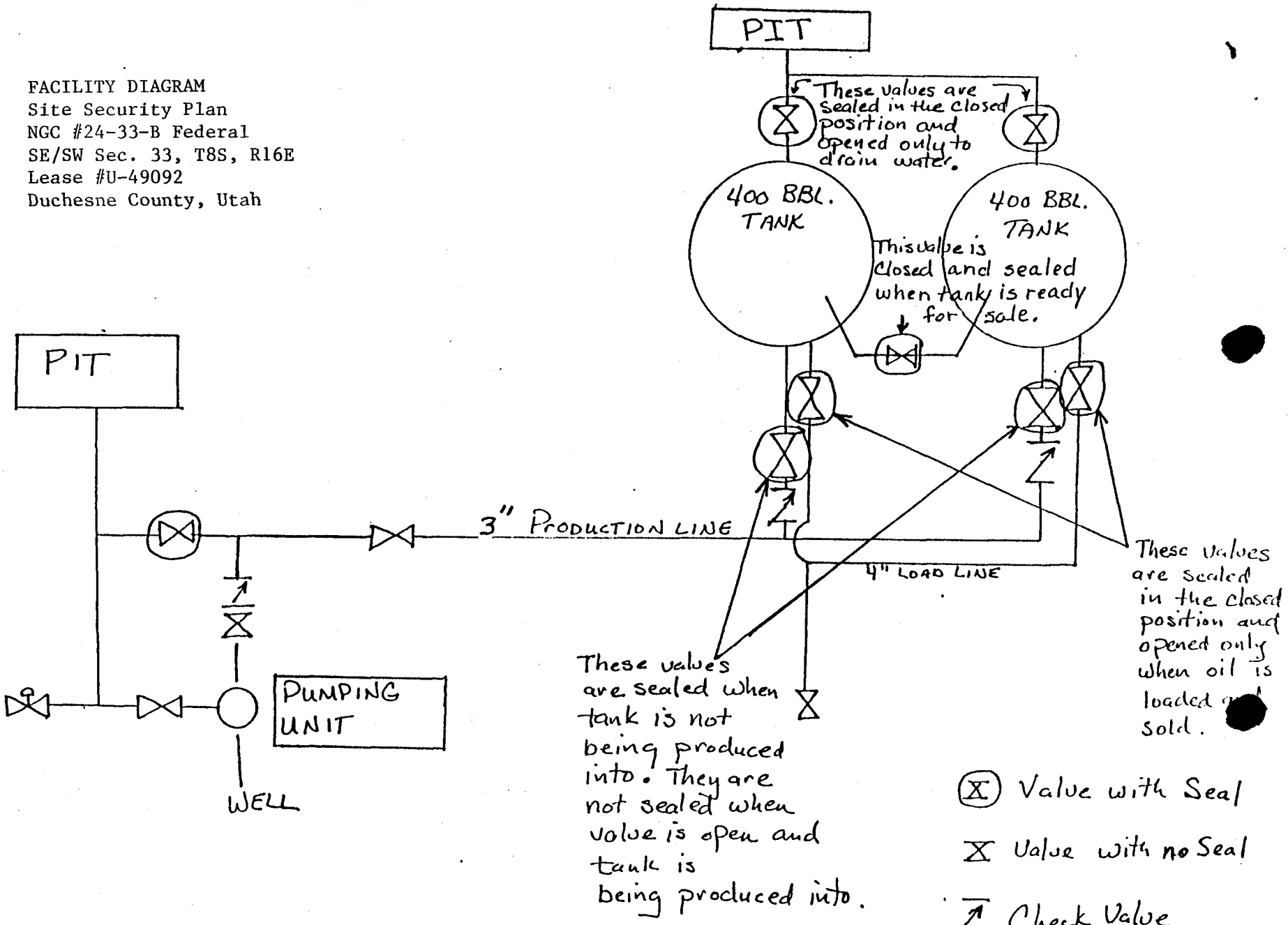
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FACILITY DIAGRAM
Site Security Plan
NGC #24-33-B Federal
SE/SW Sec. 33, T8S, R16E
Lease #U-49092
Duchesne County, Utah



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR N.G.C. LEASE Federal
WELL NO. # 24-33-B API 43-013-31214
SEC. 33 T. 8S R. 16E CONTRACTOR
COUNTY Duchesne FIELD Monument Butte

DRILLING/COMPLETION/WORKOVER:

___ APD	___ WELL SIGN	___ HOUSEKEEPING	___ BOPE
___ SAFETY	___ POLL. CONTROL	___ SURFACE USE	___ PITS
___ OPERATIONS	___ OTHER		

SHUT-IN ___ / TA ___ :

___ WELL SIGN	___ HOUSEKEEPING	___ EQUIPMENT*	___ SAFETY
___ OTHER			

ABANDONED:

___ MARKER	___ HOUSEKEEPING	___ REHAB.	___ OTHER

PRODUCTION:

✓ WELL SIGN	✓ HOUSEKEEPING	✓ EQUIPMENT*	✓ FACILITIES*
✓ METERING*	✓ POLL. CONTROL	✓ PITS	✓ DISPOSAL
✓ SECURITY	✓ SAFETY	___ OTHER	

GAS DISPOSITION:

___ VENTED/FLARED	✓ SOLD	✓ LEASE USE

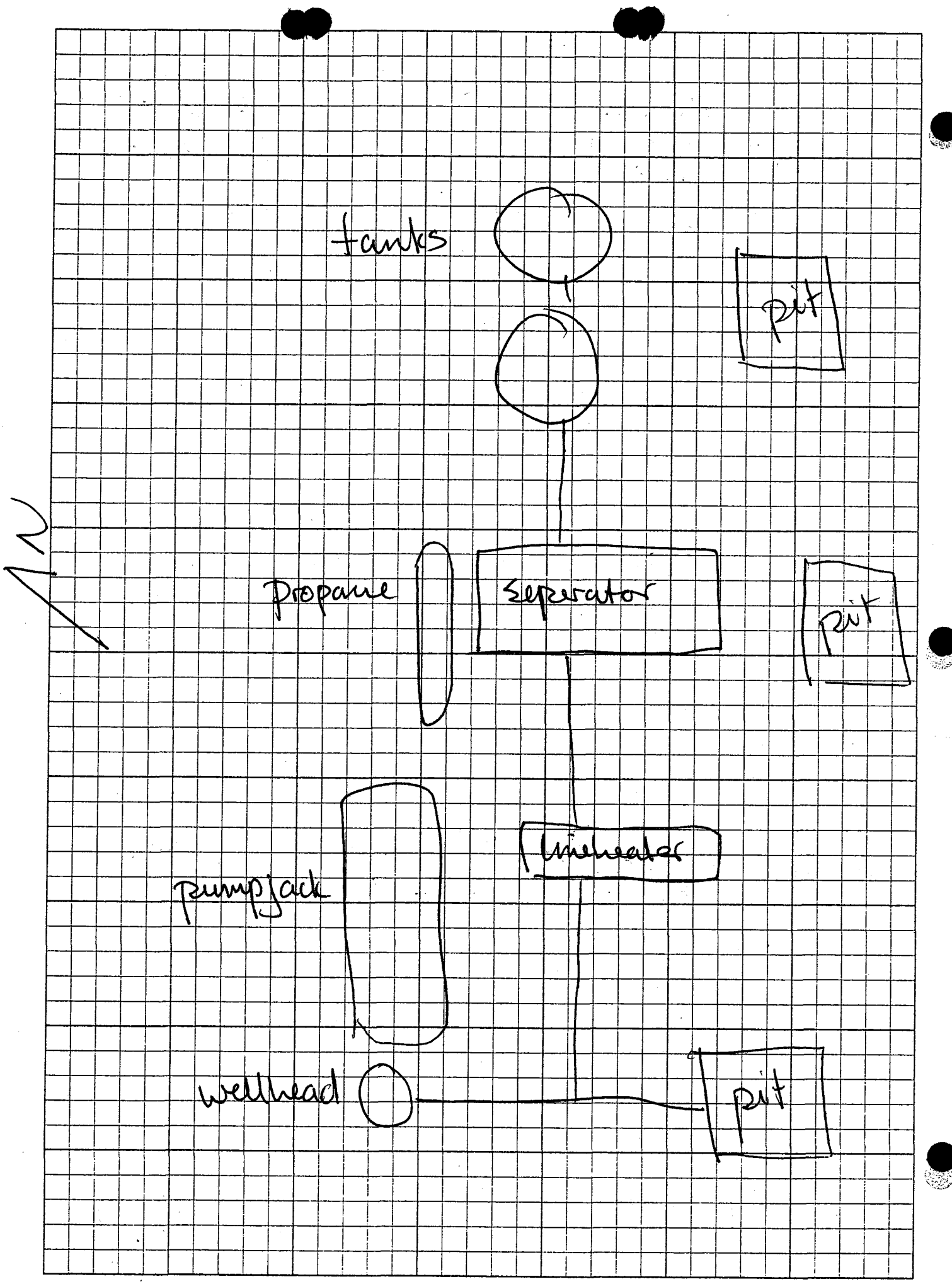
LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: location, wellhead, pumpjack, pits, line heater, seperator, tanks.

REMARKS: Ok.

ACTION:

INSPECTOR: GARY GAENER DATE 3/1/89


tanks
pit
propane
separator
pit
pumpjack
line heater
wellhead
pit

DOGM 56-64-21
an equal opportunity employer

UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

NATURAL GAS CORP OF CA
85 SOUTH 200 EAST
VERNAL UT 84078
ATTN: PROD. ACCOUNTING

Utah Account No. N0700

Report Period (Month/Year) 5 / 89

Amended Report ☐

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
NGC 23-23 FEDERAL 4304731169 06160 09S 17E 23	GRRV				
FEDERAL 32-29 4304731175 06170 09S 18E 29	GRRV				
NGC 24-9H FEDERAL 4301330682 06175 09S 17E 9	GRRV				
FEDERAL 13-9H 4301330656 06185 09S 17E 9	GRRV				
PTS 33-36 STATE 4301330486 06190 11S 14E 36	WSTC				
FEDERAL 31-20 4304731433 06196 08S 22E 20	GRRV				
FEDERAL 12-9-H 4301330983 09830 09S 17E 9	GRRV				
FEDERAL NGC #22-9-H 4301331049 10065 09S 17E 9	GRRV				
FEDERAL #41-5-G 4301331205 10859 09S 16E 5	GRRV	Conf.			
FEDERAL 23-9-H 4301331206 10868 09S 17E 9	GRRV				
FEDERAL 24-33-B 4301331214 10913 08S 16E 33	GRRV	Conf.			
	TOTAL				

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

_____ Telephone _____
Authorized signature

PLEASE COMPLETE FORMS IN BLACK INK

NGC
Energy
Company

2001 Bryan Tower
Suite 953
Dallas, Texas 75201
(214) 742-2396

June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and corresponsence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY
2001 Bryan Tower, Suite 953
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY
85 South 200 East
Vernal, UT 84078

All remittances should be mailed to:

PG&E RESOURCES COMPANY
P. O. Box 840274
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,

Keith H. Perkins
Vice President Controller

KHP/chs

6-26-89
NGC Energy Co : Natural Gas Corp of CA are one in the same Company. talked w/ Mr. Perkins he indicated both companies should reflect the chg. NGC Co. will send a chg of oper from Natural Gas Corp to NGC.
JAS

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-49092

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation:

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: 24-33-B

2. Name of Operator: PG&E Resources Company

9. API Well No.: 43-013-31214

3. Address and Telephone No.: 85 South 200 East, Vernal, UT 84078 801-789-4573

10. Field and Pool, or Exploratory Area: Monument Butte

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2103' FWL, 330' FSL SE/SW
Section 33, T8S, R16E

11. County or Parish, State: Duchesne, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other NTL-2B	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to dispose of produced water into an above-ground tank. The tank will be fiberglass with a capacity of about 100 bbls. Water from the tank will be taken by truck and disposed of at the Rooney Operating disposal well.

Accepted by the State of Utah Division of Oil, Gas and Mining
Date: 9-27-93
By:

SEP 27 1993

Copies: Div. OG&M; SGoodrich; Central Files; JLaFevers

14. I hereby certify that the foregoing is true and correct

Signed Randy D. Miller Title Production Foreman Date 9/23/93

(This space for Federal or State office use)

Approved by Federal Approval of this Title _____ Date _____
Conditions of approval, if Action is Necessary

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT
PG&E RESOURCES COMPANY
6688 N CENTRAL EXP #1000
DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595

REPORT PERIOD (MONTH/YEAR): 8 / 94

AMENDED REPORT ☐ **(Highlight Changes)**

Well Name / API Number / Entity / Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
FEDERAL 41-5-G 4301331205 10859 09S 16E 5	GRRV			U30096	(Wells Draw GRRV Unit)	
FEDERAL 23-9-H 4301331206 10868 09S 17E 9	GRRV			U50750		
FEDERAL 24-33-B 4301331214 10913 08S 16E 33	GRRV			U49092	(Wells Draw GRRV Unit)	
FEDERAL 31-4-G 4301331228 10979 09S 16E 4	GRRV			U30096	(Wells Draw GRRV Unit)	
FEDERAL 14-34-B 4301331225 10980 08S 16E 34	GRRV			U47171	(Wells Draw GRRV Unit)	
FEDERAL 14-33-B 4301331229 10988 08S 16E 33	GRRV			U49092	(Wells Draw GRRV Unit)	
FEDERAL 43-33-B 4301331240 11007 08S 16E 33	GRRV			"	(Wells Draw GRRV Unit)	
FEDERAL 23-34-B 4301331241 11041 08S 16E 34	GRRV			U47171	(Wells Draw GRRV Unit)	
FEDERAL 11-4-G 4301331250 11046 09S 16E 4	GRRV			U30096	(Wells Draw GRRV Unit)	
FEDERAL 23-33-B 4301331251 11047 08S 16E 33	GRRV			U49092	(Wells Draw GRRV Unit)	
FEDERAL 31-5-G 4301331252 11054 09S 16E 5	GRRV			U30096	(Wells Draw GRRV Unit)	
FEDERAL 34-33-B 4301331269 11079 08S 16E 33	GRRV			U49092	(Wells Draw GRRV Unit)	
FEDERAL 44-33-B 4301331270 11084 08S 16E 33	GRRV			"	(Wells Draw GRRV Unit)	
			TOTALS			

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge. Date:

Name and Signature: Telephone Number:

(12/93)

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-01470A
(UT-923)

NOV 2 [illegible]

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co.
6688 N. Central Expwy., #1000
Dallas, Texas 75206

: Oil and Gas
: U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals
Adjudication Section

Enclosure
Exhibit

Post-it™ brand fax transmittal memo 7671	# of pages ▸ 2
To LISHA CORDOVA	From CHRIS MERRITT
Co. STATE OF UTAH	Co. BLM
Dept. OIL & GAS	Phone # 539-4109
Fax # 359-3940	Fax # 539-4260

bc: Moab District Office w/encl.
Vernal District Office w/encl.
MMS-Data Management Division, Denv
UT-922 (Teresa Thompson) w/encl.

CMerritt:dab 11/25/94 (U01470A)

List of Leases Affected

U-01470A
U-01790
U-02896A
U-03505
U-03576
U-013429A
U-013765
U-013766
U-013767
U-013769
U-013769A
U-013769B
U-013769C
U-013792
U-013793
U-013793A
U-013794
U-013818A
U-013820
U-013821A
U-017713
U-035316
U-037164
U-0141644
U-0143519
U-0143520A
U-0143521A
U-0147541
U-0147541A
U-2838
U-6610
U-6612
U-6615
U-6632
U-6634
U-7206
U-10291
U-10760
U-11385
U-12942
U-13905
U-14236
U-15392
U-16172
U-16535
U-16539
U-16544
U-17036
U-17424
U-19267
U-30096
U-39221
U-39713
U-39714
U-40026
U-46825
U-47171
U-49092
U-50750
U-52765
U-55626
U-58546
U-61052
U-61189
U-62657
UTU-65218
UTU-65615
UTU-66004
UTU-66027
UTU-66033
UTU-66184
UTU-66185
UTU-66187
UTU-66193
UTU-66484
UTU-66743
UTU-67168
UTU-67841
UTU-67857
UTU-67996
UTU-67997
UTU-68108
UTU-68109
UTU-68316
UTU-68328
UTU-68330
UTU-68338
UTU-68346
UTU-68347
UTU-68348
UTU-68388
UTU-68402
UTU-68544
UTU-68548
UTU-68619
UTU-68624
UTU-68625
UTU-68626
UTU-68627
UTU-68631
UTU-69024
UTU-69166
UTU-69482
UTU-69744
UTU-72104
UTU-73087
UTU-73089
UTU-73433
UTU-73512
U-47453 ROW
U-49204 ROW
U-49205 ROW
U-49223 ROW
U-49236 ROW
U-49243 ROW
U-50487 ROW
U-50488 ROW
U-50497 ROW
U-50806 ROW
U-50809 ROW
U-50825 ROW
U-50833 ROW
U-53910 ROW
U-54803 ROW
U-61946 ROW
U-63969 ROW
UTU-69111 ROW

U-034217A * Confirmed Btm/sf 11-29-94. fe

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
Govt. Fowler #20-1	NW/4 NW/4	20-9S-17E	Duchesne	U-13905	43-013-30563
Federal #19-1	NW/4 NW/4	19-9S-17E	Duchesne	U-13905	43013-30587
Federal #41-30-H	NE/4 NE/4	30-9S-17E	Duchesne	U-11385	43-013-30601
Federal #21-15-H	NE/4 NW/4	15-9S-17E	Duchesne	U-11385	43-013-30614
State #11-16 (PA'd 5/90)	NW/4 NW/4	16-9S-17E	Duchesne	ML-21844	43-013-30616
Federal #42-4	SE/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-30638
Federal #13-9-H	NW/4 SW/4	9-9S-17E	Duchesne	U-37810	43-013-30656
Federal #32-5-G	SW/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-30670
Federal #31-8-H	NW/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30679
Federal #12-8-H	SW/4 NW/4	8-9S-17E	Duchesne	U-10760	43-013-30680
Federal #24-15-H	SE/4 SW/4	15-9S-17E	Duchesne	U-10760	43-013-30681
Federal #24-9-H	SE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-30682
Federal #21-5-G	NE/4 NW/4	5-9S-16E	Duchesne	U-30096	43-013-30698
Federal #12-4-G	SW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-30699
NGC #41-8-H	NE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30741
Federal #42-8-H (PA'd 5/90)	SE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30678
NGC #11-9-H	NW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30887
Federal #12-9-H	SW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30983
Federal #22-9-H	SE/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-31049
Federal #41-5-G	NE/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-31205
Federal #23-9-H	NE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-31206
Federal #23-5-G	NE/4 SW/4	5-9S-16E	Duchesne	U-30096	43-013-31207
Federal #24-33-B	SE/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31214
Federal #14-34-B	SW/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31225
Federal #31-4-G	NW/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-31228
Federal #14-33-B	SW/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31229
Federal #43-33-B	NE/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31240
Federal #23-34-B	NE/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31241
Federal #11-4-G	NW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-31250

DALEN Resources
Oil & Gas Co.

DALEN
RESOURCES

October 5, 1994

OCT 1 1

Lisha Romero
State Oil & Gas Office
3 Triad Center
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosures

cc: Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

State of Delaware

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION,

WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.

Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION: 7242629

DATE: 09-19-94

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

PG&E Resources Offshore Company
a Delaware corporation

INTO

PG&E Resources Company
a Delaware corporation

(Pursuant to Section 253 of the General Corporation Law of the State of Delaware)

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

FIRST: That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That Resources owns all of the outstanding shares of the capital stock of Offshore.

THIRD: That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"RESOLVED, that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

RESOLVED, that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

RESOLVED, that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co.".

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams
Name: Joseph T. Williams
Title: President

DALEN Resources
Oil & Gas Co.

DALEN RESOURCES

October 31, 1994

Kent E. Johnson
Vice President
Exploration/Development

STATE OF UTAH NATURAL RESOURCES
OIL & GAS MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Gil Hunt

Re: Name Change
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN** Resources Oil & Gas Co. As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN** Resources Oil & Gas Co.. No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

John R. Wingert
Exploration Manager
Northern Division

JRW:lkd

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:
1 LEC/GIL
2 LWP 7-PL
3 DTS/8-SJ
4 VLC/9-FILE
5 RJF
6 LWP

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

XXX Change of Operator (~~well sold~~) ☐ Designation of Agent
☐ Designation of Operator XXX Operator Name Change ~~Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: **10-1-94**)

TO (new operator) **DALEN RESOURCES OIL & GAS CO.** FROM (former operator) **PG&E RESOURCES COMPANY**
(address) **6688 N CENTRAL EXP STE 1000** (address) **6688 N CENTRAL EXP STE 1000**
DALLAS TX 75206-3922 **DALLAS TX 75206-3922**

phone **(214) 750-3800** phone **(214) 750-3800**
account no. **N3300 (11-29-94)** account no. **N 0595**

Well(s) (attach additional page if needed): ***WELLS DRAW (GRRV) UNIT**
***WEST WILLOW CREEK UNIT**

Name: ****SEE ATTACHED****	API: 043-31214	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:

OPERATOR CHANGE DOCUMENTATION

Lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 10-3-94)

Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 10-3-94)

Lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #FN001519. "Dalen Resources Corp." eff. 6-15-94.

Lec 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (11-29-94)

Lec 6. Cardex file has been updated for each well listed above. 12-7-94

Lec 7. Well file labels have been updated for each well listed above. 12-8-94

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (11-29-94)

Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

- OVER -

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) Surety #U1870145/80,000. "Rider to Dalen" rec'd 10-3-94.
*Trust Land/Ed "Rider" Aprv. 10-5-94 # U2164274/80,000.

Lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

___ 2. A copy of this form has been placed in the new and former operators' bond files. Upon compl. of routing.

Lec/N/A 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

DTC 2. Copies of documents have been sent to State Lands for changes involving **State leases**. 12/8/94 to Ed Bonner

FILMING

✓ 1. All attachments to this form have been microfilmed. Date: December 15 19 94.

FILING

___ 1. Copies of all attachments to this form have been filed in each well file.

___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941108 B&M/S.L. Not aprv. yet!

941125 " Aprv.'d.

UTAH DOGM COPY

ENSERCH EXPLORATION INC

4849 Greenville Ave., Suite 1200
Dallas, Texas 75206-4186
214/369-7893

January 11, 1996

Bureau of Land Management
Utah State Office
324 South State
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,

Cindy R. Keister

Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET **(MERGER)**

Routing:
1- LEC / GIL
2- DTS/S7-FILM
3- VLD 8-FILE
4- RJF
5- LEC
6- SJ

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

XXX Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: **1-1-96**)

TO (new operator)	**ENSERCH EXPLORATION INC**
(address)	**4849 GREENVILLE AVE STE 1200**
	DALLAS TX 75206
	CINDY KEISTER
	phone **(214)987-6353**
	account no. **N4940 (1-29-96)**
FROM (former operator)	**DALEN RESOURCES OIL & GAS**
(address)	**6688 N CENTRAL EXP #1000**
	DALLAS TX 75206-3922
	CINDY KEISTER
	phone **(214)987-6353**
	account no. **N3300**

Well(s) (attach additional page if needed):

Name: **** SEE ATTACHED **** API:_____ Entity:_____ Sec___Twp___Rng___ Lease Type:_____
Name:_____ API:_____ Entity:_____ Sec___Twp___Rng___ Lease Type:_____
Name:_____ API:_____ Entity:_____ Sec___Twp___Rng___ Lease Type:_____
Name:_____ API:_____ Entity:_____ Sec___Twp___Rng___ Lease Type:_____
Name:_____ API:_____ Entity:_____ Sec___Twp___Rng___ Lease Type:_____
Name:_____ API:_____ Entity:_____ Sec___Twp___Rng___ Lease Type:_____
Name:_____ API:_____ Entity:_____ Sec___Twp___Rng___ Lease Type:_____

OPERATOR CHANGE DOCUMENTATION

Lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 1-22-96)

Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 1-22-96)

Lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: #171513. (eff 1-4-95)

Lec 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (2-12-96)

Lec 6. Cardex file has been updated for each well listed above. (2-12-96)

Lec 7. Well file labels have been updated for each well listed above. (2-12-96)

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (2-12-96)

Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

- OVER -

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) Trust Lands / Bond & Lease update in progress!

Lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

N/A 2. A copy of this form has been placed in the new and former operators' bond files.

N/A 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
DTS 2/15/96

N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

VDR 1. All attachments to this form have been microfilmed. Date: March 13 1996.

FILING

___ 1. Copies of all attachments to this form have been filed in each well file.

___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960212 Blm/SL Aprv. eff. 12-31-95.

UTAH WELLS

ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY	
*	Federal	11- 4G	U-30096	43-013--31250	NW NW	4	9S	16E	Duchesne	
*	Federal	12- 4G	U-30096	43-013-3699	SW NW	4	9S	16E	Duchesne	3d699
*	Federal	21- 4G	U-30096	43-013-31272	NE NW	4	9S	16E	Duchesne	W/W
*	Federal	31- 4G	U-30096	43-013-31228	NW SE	4	9S	16E	Duchesne	
*	Federal	42- 4G	U-30096	43-013-30638	SE NE	4	9S	16E	Duchesne	
*	Federal	21- 5G	U-30096	43-013-30698	NE NW	5	9S	16E	Duchesne	30698
*	Federal	22- 5G	U-30096	43-013-31273	SE NW	5	9S	16E	Duchesne	
*	Federal	23- 5G	U-30096	43-013-31207	NE SW	5	9S	16E	Duchesne	
*	Federal	31- 5G	U-30096	43-013-31252	NW NE	5	9S	16E	Duchesne	
*	Federal	32- 5G	U-30096	43-013-30670	SW NE	5	9S	16E	Duchesne	W/W
*	Federal	41- 5G	U-30096	43-013-31205	NE SW	5	9S	16E	Duchesne	W/W
*	Federal	43- 5G	U-034217-A	43-013-30858	NE SE	5	9S	16E	Duchesne	
*	Federal	13- 33B	U-49092	43-013-31277	NW SW	33	8S	16E	Duchesne	
*	Federal	14- 33B	U-49092	43-013-31229	SW SW	33	8S	16E	Duchesne	W/W
*	Federal	23- 33B	U-49092	43-013-31251	NE SW	33	8S	16E	Duchesne	
*	Federal	24- 33B	U-49092	43-013-31214	SE SW	33	8S	16E	Duchesne	
*	Federal	33- 33B	U-49092	43-013-31268	NW SE	33	8S	16E	Duchesne	
*	Federal	34- 33B	U-49092	43-013-31269	SW SE	33	8S	16E	Duchesne	W/W
*	Federal	43- 33B	U-49092	43-013-31240	NE SE	33	8S	16E	Duchesne	W/W
*	Federal	44- 33B	U-49092	43-013-31270	SE SE	33	8S	16E	Duchesne	
*	Federal	13- 34B	U-47171	43-013-31271	NW SW	34	8S	16E	Duchesne	
*	Federal	14- 34B	U-47171	43-013-31225	SW SW	34	8S	16E	Duchesne	W/W
*	Federal	23- 34B	U-47171	43-013-31241	NE SW	34	8S	16E	Duchesne	
**	Federal	14- 4	U-07978	43-013-30671	SW SW	4	9S	17E	Duchesne	
**	Federal	34- 5	UTU-72108	43-013-30721	SW SE	5	9S	17E	Duchesne	
**	Federal	44- 5	UTU-72108	43-013-30913	SE SE	5	9S	17E	Duchesne	
**	Federal	12- 8H	U-10760	43-013-30680	SW NW	8	9S	17E	Duchesne	
**	Federal	21- 8H	U-10760	43-013-31460	NE NW	8	9S	17E	Duchesne	
**	Federal	22- 8H	U-10760	43-013-31457	SE NW	8	9S	17E	Duchesne	
**	Federal	31- 8H	U-10760	43-013-30679	NW NE	8	9S	17E	Duchesne	
**	Federal	32- 8H	U-10760	43-013-30542	SW NE	8	9S	17E	Duchesne	
**	Federal	41- 8H	U-10760	43-013-30741	NE NE	8	9S	17E	Duchesne	
**	Federal	42- 8H	U-10760	43-013-30678	SE NE	8	9S	17E	Duchesne	ORL
	Federal	24- 15H	U-10760	43-013-30681	SE SW	15	9S	17E	Duchesne	
**	Federal	11- 9H	U-50750	43-013-30887	NW NW	9	9S	17E	Duchesne	
**	Federal	12- 9H	U-50750	43-013-30983	SW NW	9	9S	17E	Duchesne	
**	Federal	13- 9H	U-50750	43-013-30656	NW SW	9	9S	17E	Duchesne	
**	Federal	14- 9H	U-50750	43-013-31459	SW SW	9	9S	17E	Duchesne	
	Federal	32-29	U-19267	43-047-31175	SWNE	29	9S	18E	UINTAH	POW

United States Department of the Interior
BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

FEB 12 1996

IN REPLY REFER TO:
3100
U-01470A et al
UT-923

FEB 09 1996

NOTICE

Enserch Exploration, Inc. : Oil and Gas
4849 Greenville Ave., Suite 1200 : U-01470A et al
Dallas, Texas 75206-4186 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure
1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)
West Willow Creek Unit (UTU-73218X)
Pleasant Valley Unit (UTU-74477X)

The State of Texas

SECRETARY OF STATE
CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION
a Delaware no permit corporation
with
ENSERCH EXPLORATION, INC.
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

Effective December 31, 1995 04:55 PM

THE STATE OF TEXAS

Antonio O. Garza, Jr.
Secretary of State

FILED
In the Office of the
Secretary of State of Texas
DEC 19 1995
Corporations Section

ARTICLES OF MERGER OF

DALEN Corporation

INTO

Enserch Exploration, Inc.

Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.

2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

> **"WHEREAS** Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and
>
> **"WHEREAS** Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,
>
> **"RESOLVED,** That DALEN Corporation, a Delaware corporation ('DALEN'), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"**FURTHER RESOLVED,** That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J.W. Pinkerton
Name: J. W. Pinkerton
Title: Vice President and Controller, Chief Accounting Officer

The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC. (Charter No. 1323890-00)**, a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE (No Permit)** corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.

THE STATE OF TEXAS

IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.

Antonio O. Garza, Jr. MAC
Secretary of State

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN W PEARCE
ENSERCH EXPLORATION INC
6688 N CENTRAL EXP #1000
DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940

REPORT PERIOD (MONTH/YEAR): 8 / 97

AMENDED REPORT ☐ **(Highlight Changes)**

Well Name / API Number / Entity / Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
✓NGC 24-15H FEDERAL 4301330681 06150 09S 17E 15	GRRV			U-10760		
✓FEDERAL 32-29 4304731175 06170 09S 18E 29	GRRV			U-19267		
✓GOVERNMENT FOWLER 20-1 4301330563 09555 09S 17E 20	GRRV			U-13905		
FEDERAL 12-9-H 4301330983 09830 09S 17E 9	GRRV			U-50750	Pleasant Valley Unit	
FEDERAL 23-9-H 4301331206 10868 09S 17E 9	GRRV			U-50750	"	
FEDERAL 24-33-B 4301331214 10913 08S 16E 33	GRRV			U-49092	Wells Draw Unit	
JERAL 31-4-G 4301331228 10979 09S 16E 4	GRRV			U-30096	"	
FEDERAL 23-34-B 4301331241 11041 08S 16E 34	GRRV			U-47171	"	
FEDERAL 11-4-G 4301331250 11046 09S 16E 4	GRRV			U-30096	"	
FEDERAL 23-33-B 4301331251 11047 08S 16E 33	GRRV			U-49092	"	
FEDERAL 31-5-G 4301331252 11054 09S 16E 5	GRRV			U-30096	"	
FEDERAL 44-33-B 4301331270 11084 08S 16E 33	GRRV			U-49092	"	
FEDERAL 33-33-B 4301331268 11086 08S 16E 33	GRRV			U-49092	"	
			TOTALS			

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____

Name and Signature: _____ Telephone Number: _____

12/92)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. –

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-49092

6. If Indian, Allottee or Tribe Name: NA

7. If Unit or CA, Agreement Designation: Wells Draw Unit

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Federal 24-33B

2. Name of Operator: Inland Production Company

9. API Well No.: 43-013-31214

3. Address and Telephone No.: 475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

10. Field and Pool, or Exploratory Area: Wells Draw (GR)

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description): Section 33, SE/4 SW/4, T8S-R16E

11. County or Parish, State: Duchesne County, Utah

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
[x] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[x] Other Change of Operator	[ ] Dispose Water (Note: Report results of multiple completion on Well

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.

RECEIVED
SEP 25 1997
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed _____ Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. –

SUBMIT IN TRIPLICATE

1. Type of Well
   [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator
   ENSERCH EXPLORATION INC.
3. Address and Telephone No.
   4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
   Section 33, SE/4 SW/4, T8S-R16E

5. Lease Designation and Serial No.
   U-49092
6. If Indian, Allottee or Tribe Name
   NA
7. If Unit or CA, Agreement Designation
   Wells Draw Unit
8. Well Name and No.
   Federal 24-33B
9. API Well No.
   43-013-31214
10. Field and Pool, or Exploratory Area
    Wells Draw (GR)
11. County or Parish, State
    Duchesne County, Utah

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Change of Operator	[ ] Dispose Water (Note: Report results of multiple completion on Well

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enserch Exploration Inc. has sold its interest in the WDU #24-33B Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.

RECEIVED
SEP 25 1997
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Linda Hart Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

December 31, 1997

Inland Production Company
c/o UnitSource Incorporated
11184 Huron Street, Suite 16
Denver, Colorado 80234

Re: Wells Draw (Green River) Unit
Duchesne County, Utah

Gentlemen:

On December 30, 1997, we received an indenture dated September 1, 1997, whereby Enserch Exploration, Inc. resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Wells Draw (Green River) Unit, Duchesne County, Utah.

The indenture was approved by all required parties and the parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective December 31, 1997. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Wells Draw (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Wells Draw (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ George Diwachak

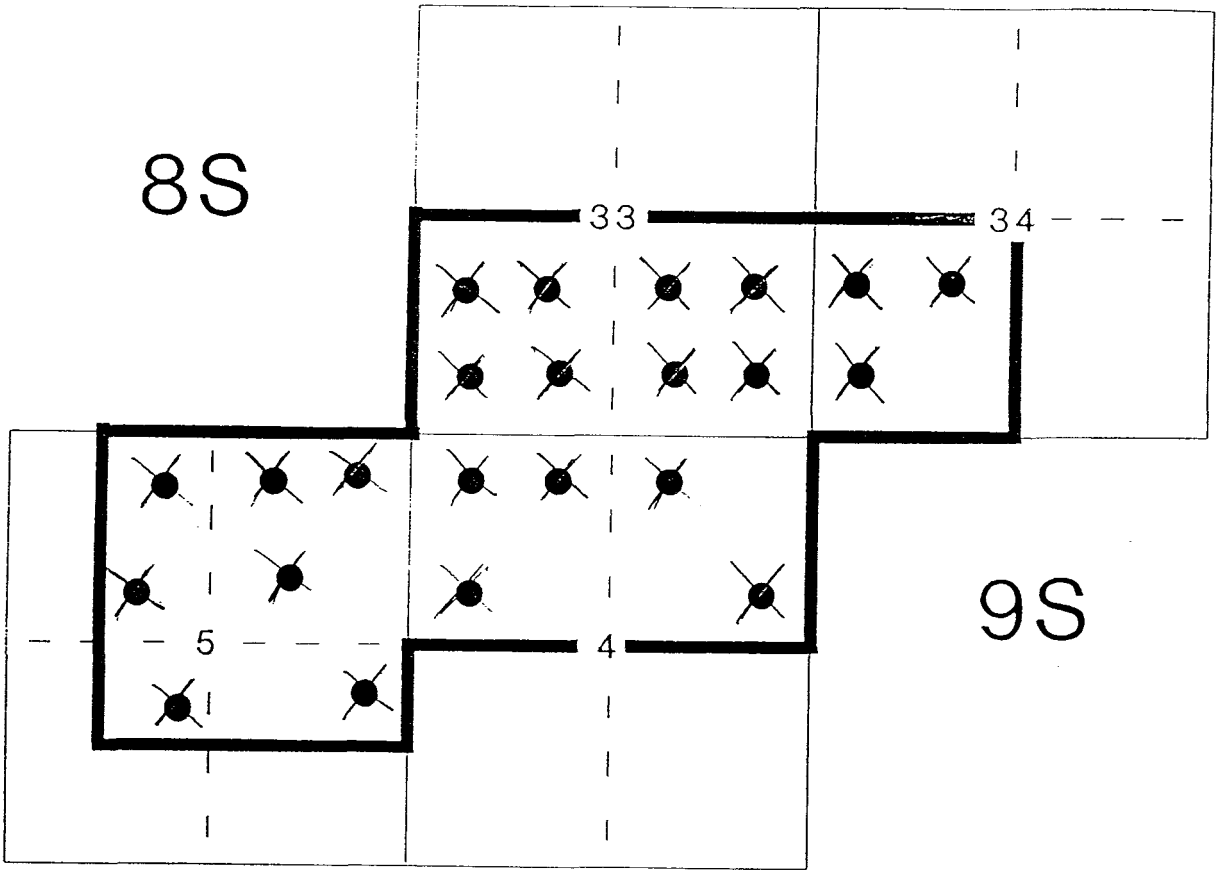
for Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure
bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Wells Draw (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:12/31/97

WELLS DRAW (GREEN RIVER) UNIT

Uintah County, Utah



UNIT OUTLINE (UTU72613A)

SECONDARY ALLOCATION

FEDERAL 100%

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR **INLAND PRODUCTION CO**

OPERATOR ACCT. NO. N **5160**

ADDRESS

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
D		**12276**							**DUCHESNE**		**8-16-97**

WELL 1 COMMENTS: ***SEE ATTACHED LIST;OP CHG FR N4940 EFF 8-16-97 (WELLS DRAW (GRRV) UNIT)**
OPERATOR REQ CHG FOR TAX & ROYALTY; & DISPOSITION REPORTING.

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)
Signature

ADMIN. ANALYST **1-2-98**
Title Date

Phone No. ( )

INLAND PRODUCTION COMPANY
(N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
02043	12276	43-013-30858	43-5	05-09S-16E	8-16-97
06100	"	43-013-30699	12-4G	04-09S-16E	"
06105	"	43-013-30698	21-5G	05-09S-16E	"
06105	"	43-013-31207	23-5-G	05-09S-16E	"
06115	"	43-013-30638	42-4	04-09S-16E	"
10913	"	43-013-31214	24-33-B	33-08S-16E	"
10979	"	43-013-31228	31-4-G	04-09S-16E	"
11041	"	43-013-31241	23-34-B	34-08S-16E	"
11046	"	43-013-31250	11-4-G	04-09S-16E	"
11047	"	43-013-31251	23-33-B	33-08S-16E	"
11054	"	43-013-31252	31-5-G	05-09S-16E	"
11084	"	43-013-31270	44-33-B	33-08S-16E	"
11086	"	43-013-31268	33-33-B	33-08S-16E	"
11092	"	43-013-31277	13-33-B	33-08S-16E	"
11103	"	43-013-31273	22-5-G	05-09S-16E	"
11104	"	43-013-31271	13-34-B	34-08S-16E	"
10988	"	43-013-31229	14-33-B	33-08S-16E	"
11007	"	43-013-31240	43-33-B	33-08S-16E	"
11079	"	43-013-31269	34-33-B	33-08S-16E	"
10980	"	43-013-31225	14-34-B	34-08S-16E	"
11107	"	43-013-31272	21-4-G	04-09S-16E	"
10859	"	43-013-31205	41-5-G	05-09S-16E	"
06110	"	43-013-30670	32-5G	05-09S-16E	"

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Routing:	
1-LEC	6-LEC
2-GLH	7-KAS
3-DTS/SLS	8-SJ
4-VLD	9-FILE
5-JRB	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

XXX ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, **effective:** 8-16-97

TO: (new operator)	INLAND PRODUCTION CO	**FROM:** (old operator)	ENSERCH EXPLORATION INC
(address)	PO BOX 1446	(address)	4849 GREENVILLE AVE #1200
	ROOSEVELT UT 84066		DALLAS TX 75206-4145
	Phone: (801)722-5103		Phone: (214)987-7859
	Account no. N5160		Account no. N4940

*WELLS DRAW (GREEN RIVER) UNIT

WELL(S) attach additional page if needed:

Name:	**SEE ATTACHED**	API:	43-013-31314	Entity:		S		T		R		Lease:	
Name:		API:		Entity:		S		T		R		Lease:	
Name:		API:		Entity:		S		T		R		Lease:	
Name:		API:		Entity:		S		T		R		Lease:	
Name:		API:		Entity:		S		T		R		Lease:	
Name:		API:		Entity:		S		T		R		Lease:	
Name:		API:		Entity:		S		T		R		Lease:	

OPERATOR CHANGE DOCUMENTATION

Lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 9-25-97)

Lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 9-25-97)

N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____.

Lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.

Lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (1-2-98) X UIC DBase & QuaHro Pro.

Lec 6. **Cardex** file has been updated for each well listed above. (1-2-98)

Lec 7. Well **file labels** have been updated for each well listed above. (1-2-98)

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (1-2-98)

Lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.

Lec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.

Lec 2. A **copy of this form** has been placed in the new and former operator's bond files.

___ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

DTS 1/7/98

N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

VD 1. All attachments to this form have been **microfilmed**. Today's date: 1.20.98.

FILING

___ 1. **Copies** of all attachments to this form have been filed in each **well file**.

___ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980102 BLM/SL Aprv. Wells Draw (GRRV) Unit eff. 12-31-97.

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-49092

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
WELLS DRAW

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
FEDERAL 24-33-B

9. API Well No.
43-013-31214

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

11. County or Parish, State
DUCHESNE COUNTY, UTAH

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0330 FSL 2103 FWL SE/SW Section 33, T08S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Site Security**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.

RECEIVED
OCT 13 1998
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Debbie E. Knight Title Manager, Regulatory Compliance Date 10/8/98

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:
CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

Inland Production Company
Site Facility Diagram

Wells Draw 24-33B

SE/SW Sec. 336, T8S, 16E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

1) Valves 1, and 3 sealed closed

2) Valves 2 and 4 sealed open

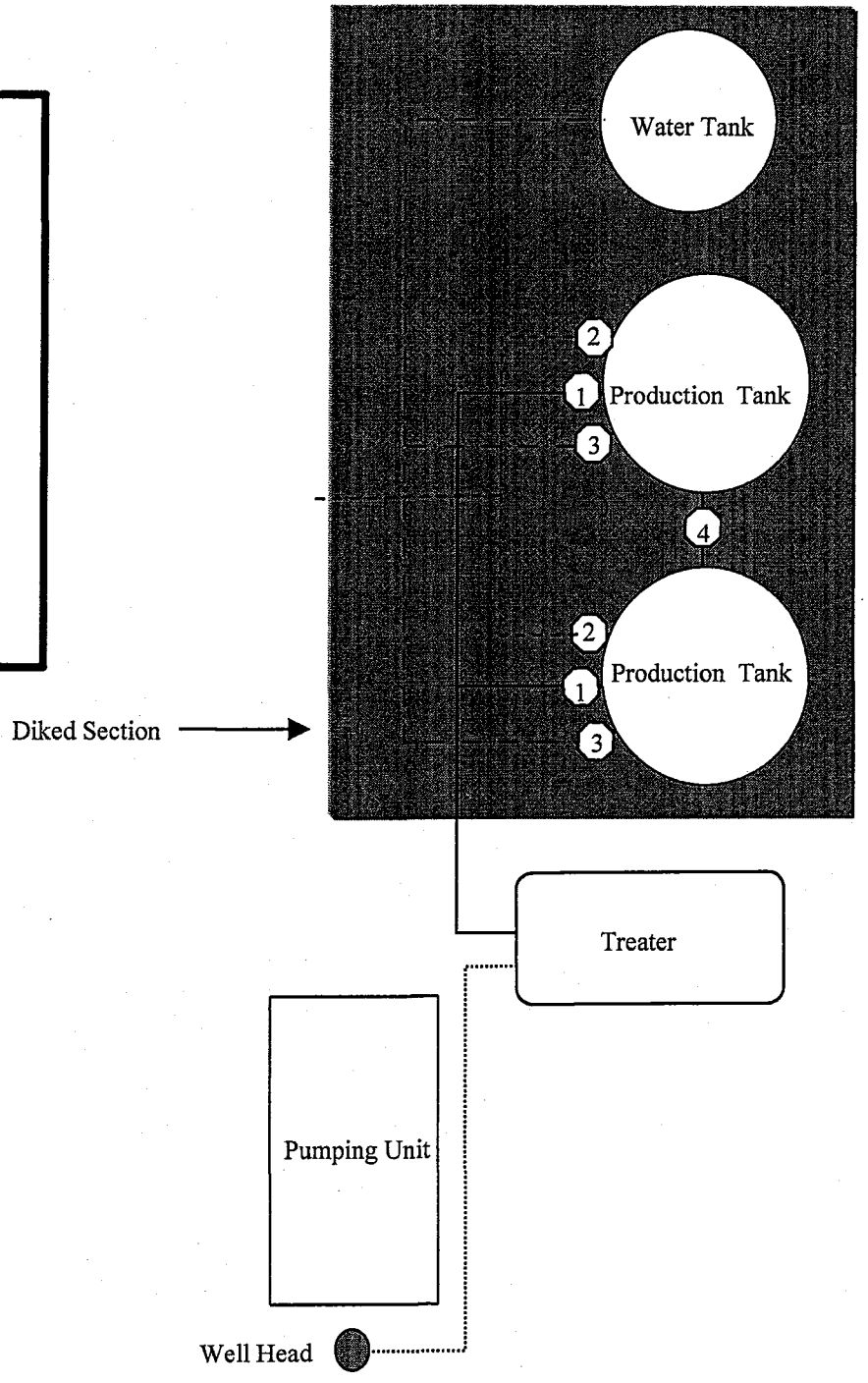
Sales Phase:

1) Valves 2, 3, and 4 sealed closed

2) Valves 1 open

Draining Phase:

1) Valve 3 open



Legend

Emulsion Line	.....
Load Line	- - - - - - - - - -
Water Line	- . - . - . - . - . -
Oil Line	———————
Gas Sales	— .. — .. — .. — ...

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
U-49092

6. If Indian, Allottee or Tribe Name
NA

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
WELLS DRAW

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

RECEIVED
MAR 0 6 2003
DIV. OF OIL, GAS & MINING

8. Well Name and No.
FEDERAL 24-33-B

9. API Well No.
43-013-31214

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

11. County or Parish, State
DUCHESNE COUNTY, UTA

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0330 FSL 2103 FWL SE/SW Section 33, T8S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[X] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well had recompletion procedures initiated in the Green River formation on 2/14/2003. Existing production equipment was pulled from well. A bit & scraper was ran in well. Well was cleaned out to 6315'. Five new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP3 sds @ 6000'-6010' (4 JSPF) fraced down 2 7/8 N-80 tbg W/ 22,894# 20/40 mesh sand in 220 bbls YF 125 fluid. Stage #2: CP .5 sds @ 5827'-5832' and CP1 sds @ 5857'-5860' & 5875'-5880' (all 4 JSPF) fraced down 2 7/8 N-80 tbg W/ 50,132# 20/40 mesh sand in 436 bbls YF 125 fluid. Stage #3: A3 sds @ 5434'-5439' (4 JSPF) fraced down 2 7/8 N-80 tbg W/ 6,942# 20/40 mesh sand in 115 bbls YF 125 fluid (communicated W/ upper perfs W/ 3,586# sand in formation). Packer was raised and interval was re-fraced along W/ existing perfs @ 5378'-5394' W/ 14,438# 20/40 mesh sand in 153 bbls YF 125 fluid. Stage #4: C sds @ 5117'-5124' & 5128'-5132' and B .5 sds @ 5178'-5181' (all 4 JSPF) fraced down 2 7/8 N-80 tbg W/ 27,895# 20/40 mesh sand in 252 bbls YF 125 fluid (tbg ruptured during flush W/ approx. 24,989# sd in formation--a short fishing job followed). Stage #5: GB4 sds @ 4430'-4434', GB6 sds @ 4469'-4475' & 4480'-4492' and PB11 sds @ 4674'-4684' (all 4 JSPF) fraced down 5 1/2" 17# casing W/ 60,274# 20/40 mesh sand in 661 bbls YF 125 fluid. Most fracs were flowed back through chokes. Frac tbg and tools were pulled from well. Well was cleaned out to 6315'. New intervals were swab tested for sand cleanup (along with existing intervals). A revised BHA & production tbg was ran in and anchored in well W/ tubing anchor @ 6100', pump seating nipple @ 6134' and end of tubing string @ 6167'. A repaired 1 1/2" bore rod pump was ran in well on sucker rods. Well was returned to production via rod pump on 3/3/2003

14. I hereby certify that the foregoing is true and correct

Signed Gary Dietz Title Completion Foreman Date 3/4/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael L Coulthard

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure
1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697

Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-

071572A
065914

UTU-

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019222
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020252A
020254
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020309D
022684A
027345
034217A
035521
035521A
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058149
063597A
075174
096547
096550

10760
11385
13905
15392
15855
16535
16539
16544
17036
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26026A
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63098A
68528A
72086A
72613A
73520X
74477X
75023X
76189X
76331X
76788X
77098X
77107X
77236X
77376X
78560X
79485X
79641X
80207X
81307X

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **9/1/2004**

FROM: (Old Operator):	**TO:** (New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	Phone: 1-(435) 646-3721

CA No. **Unit:** **Wells Draw (Green River)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
WELLS DRAW FED 44-31	31	080S	160E	4301331116	12276	Federal	OW	P
STATE 32-32	32	080S	160E	4301330993	12276	State	WI	A
STATE 14-32	32	080S	160E	4301331039	12276	State	WI	I
STATE 24-32	32	080S	160E	4301331040	12276	State	OW	P
STATE 23-32	32	080S	160E	4301331041	12276	State	WI	A
STATE 13-32	32	080S	160E	4301331112	12276	State	OW	P
GAVILAN ST 22-32	32	080S	160E	4301331168	12276	State	OW	P
STATE 33-32	32	080S	160E	4301331185	12276	State	OW	P
FEDERAL 24-33-B	33	080S	160E	4301331214	12276	Federal	OW	P
FEDERAL 14-33-B	33	080S	160E	4301331229	12276	Federal	WI	A
FEDERAL 43-33-B	33	080S	160E	4301331240	12276	Federal	WI	A
FEDERAL 14-34-B	34	080S	160E	4301331225	12276	Federal	WI	A
FEDERAL 23-34-B	34	080S	160E	4301331241	12276	Federal	WI	A
FEDERAL 42-4	04	090S	160E	4301330638	12276	Federal	OW	P
NGC 12-4G	04	090S	160E	4301330699	12276	Federal	WI	A
FEDERAL 31-4-G	04	090S	160E	4301331228	12276	Federal	OW	P
NGC FED 32-5G	05	090S	160E	4301330670	12276	Federal	WI	A
NGC FED 21-5G	05	090S	160E	4301330698	12276	Federal	WI	A
CASTLE PEAK 43-5	05	090S	160E	4301330858	12276	Federal	WI	A
WELLS DRAW FED 11-5	05	090S	160E	4301331144	12276	Federal	OW	P
FEDERAL 41-5-G	05	090S	160E	4301331205	12276	Federal	WI	A
FEDERAL 23-5-G	05	090S	160E	4301331207	12276	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**

NEWFIELD
ROCKY MOUNTAINS

February 27, 2008

UIC # 346.1
Please
Clint

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Wells Draw Federal 24-33-8-16
Monument Butte, Lease #U-49092
Section 33-Township 8S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Wells Draw Federal #24-33-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.
I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg
Regulatory Analyst

RECEIVED
MAR 11 2008
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

WELLS DRAW FEDERAL #24-33-8-16

MONUMENT BUTTE FIELD (GREEN RIVER)

LEASE #U-49092

February 27, 2008

TABLE OF CONTENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1401 17th Street, Suite 1000
Denver, Colorado 80202

Well Name and number: Wells Draw Federal 24-33-8-16
Field or Unit name: Monument Butte Lease No. U-49092
Well Location: QQ SE/SW section 33 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes [X] No [ ]
Will the proposed well be used for: Enhanced Recovery? ..... Yes [X] No [ ]
Disposal? ..... Yes [ ] No [X]
Storage? ..... Yes [ ] No [X]
Is this application for a new well to be drilled? ..... Yes [ ] No [X]
If this application is for an existing well,
has a casing test been performed on the well? ..... Yes [ ] No [X]
Date of test:
API number: 43-013-31214

Proposed injection interval: from 4509 to 6232
Proposed maximum injection: rate 500 bpd pressure 1565 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature
Title Regulatory Analyst Date 3/7/08
Phone No. (303) 893-0102

(State use only)
Application approved by Title
Approval Date

Comments:

Federal #24-33B-8-16

Spud Date: 8-15-88
Put on Production: 10-9-88
GL: 5715' KB: 5730'

Initial Production: 37 BOPD, 0 MCFD
0 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: L-80, N-80
WEIGHT: 47#, 53.5#
LENGTH: 7 JTS (295.8')
DEPTH LANDED: 310'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 skx Class "G"cmt, est ? bbls to surface

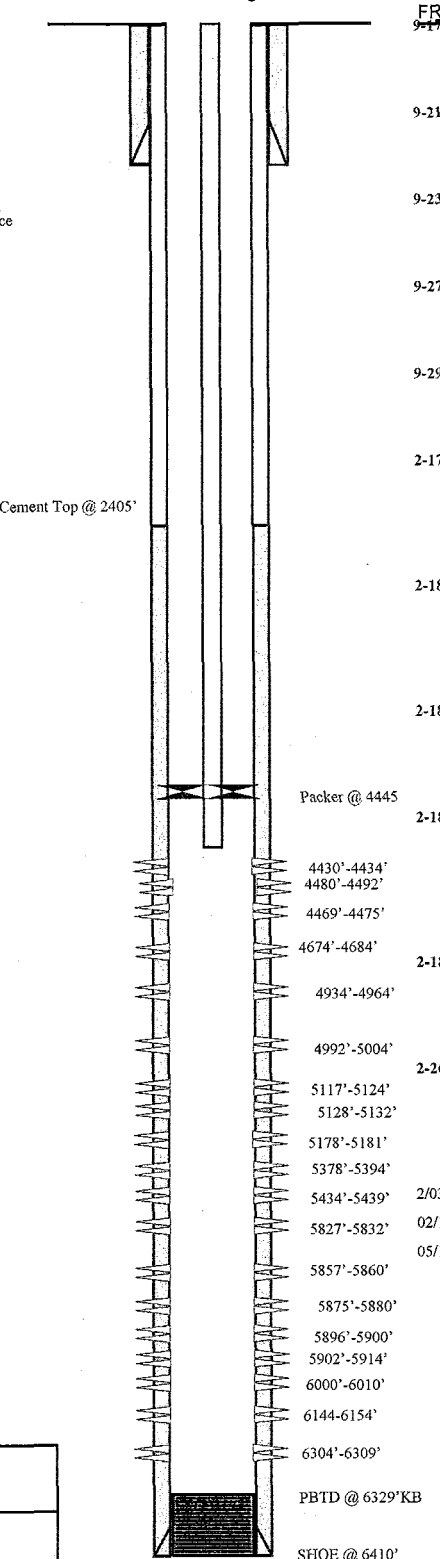
PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / K-55
LENGTH: 5564'
CSG SIZE: 5-1/2" / 17# / N-80
LENGTH: 5564' - 6410'
SET AT: 6410'KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 125 sks Hi-Lift & 500 Class "G" cement.
CEMENT TOP AT: 2405'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 194 jts (6084.95') KB
TUBING ANCHOR: 6099.95'KB
NO. OF JOINTS: 1 jt (31.37') KB
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 6134.07' KB
NO. OF JOINTS: 1 jt (31.85') KB
TOTAL STRING LENGTH: EOT @ 6167.42' KB

Proposed Injection
Wellbore Diagram



FRAC JOB

~~9-17-88~~	~~6304'-6369'~~	~~66,000# 20/40 sand~~ in 642 bbl frac fluid. Avg. treating press. 3300 psi @ 36 BPM. ISIP 2000 psi. Calc. flush: 6304 gal. Actual flush 294 gal. Screened out.
9-21-88	6144'-6154'	50,000# 20/40 sand in 692 bbl frac fluid. Avg. treating press. 2400 psi @ 35 BPM. ISIP 2000 psi. Calc. flush: 6144 gal. Actual flush 5964 gal.
9-23-88	5896'-5914'	66,500# 20/40 sand in 590 bbl frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP 3800 psi. Calc. flush: 5896 gal. Actual flush 5544 gal.
9-27-88	5378'-5394'	38,500# 20/40 sand + 28,000# 16/30 sand in 786 bbls. frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP-1600 psi. Calc. flush: 5378 gal. Actual flush 5208 gal.
9-29-88	4934'-5004'	192,000# 20/40 sand in 1649 bbls. frac fluid. Avg. treating press. 2000 psi @ 50 BPM. ISIP-1800 psi. Calc. flush: 4934 gal. Actual flush 4788 gal.
2-17-03	6000'-6010'	**Frac CP3 sands as follows:** 22,894# 20/40 sand in 220 bbls. YF 125 fluid. Treated @ avg. pressure of 4580 psi w/avg. rate of 15.2 BPM. ISIP-1933 psi. Calc. flush: 1499 gal. Actual flush: 1444 gal.
2-18-03	5827'-5880'	**Frac CP.5 and CP1 sands as follows:** 50,132# 20/40 sand in 436 bbls. YF 125 fluid. Treated @ avg. pressure of 4007 psi w/avg. rate of 16.5 BPM. ISIP-2650 psi. Calc. flush: 1470 gal. Actual flush: 1405 gal.
2-18-03	5434'-5439'	**Frac A3 sands as follows:** 6,942# 20/40 sand in 115 bbls. YF 125 fluid. Treated @ avg. pressure of 4557 psi w/avg. rate of 15.4 BPM. ISIP-N/A. Frac communicated to upper perfs.
2-18-03	5378'-5439'	**Frac existing A2 and new A3 sands as follows:** 14,438# 20/40 sand in 153 bbls. YF 125 fluid. Treated @ avg. pressure of 3277 psi w/avg. rate of 15.6 BPM. ISIP-1878 psi. Calc. flush: 1413 gal. Actual flush: 1302 gal.
2-18-03	5117'-5181'	**Frac B.5 and C sands as follows:** 27,895# 20/40 sand in 252 bbls. YF 125 fluid. Treated @ avg. pressure of 3075 psi w/avg. rate of 16 BPM. ISIP-NA. Tubing rupture.
2-26-03	4430'-4684'	**Frac GB and PB sands as follows:** 60,274# 20/40 sand in 661 bbls. YF 125 fluid. Treated @ avg. pressure of 1959 psi w/avg. rate of 22.5 BPM. ISIP-2150 psi. Calc. flush: 4430 gal. Actual flush: 4206 gal.
2/03/04		Pump change.
02/17/06		Pump Change. Update rod and tubing detail
05/10/06		Pump Change. Update rod and tubing leak.

PERFORATION RECORD

9-15-88	6304'-6309'	4 JSPF	20 holes
9-20-88	6144'-6154'	4 JSPF	40 holes
9-22-88	5896'-5900'	4 JSPF	16 holes
9-22-88	5902'-5914'	4 JSPF	48 holes
9-24-88	5378'-5394'	4 JSPF	64 holes
9-28-88	4992'-5004'	4 JSPF	48 holes
9-28-88	4934'-4964'	4 JSPF	120 holes
2-17-03	6000'-6010'	4 JSPF	40 holes
2-17-03	5875'-5880'	4 JSPF	20 holes
2-17-03	5857'-5860'	4 JSPF	12 holes
2-17-03	5827'-5832'	4 JSPF	20 holes
2-17-03	5434'-5439'	4 JSPF	20 holes
2-17-03	5178'-5181'	4 JSPF	12 holes
2-17-03	5128'-5132'	4 JSPF	16 holes
2-17-03	5117'-5124'	4 JSPF	28 holes
2-17-03	4674'-4684'	4 JSPF	40 holes
2-17-03	4480'-4492'	4 JSPF	48 holes
2-17-03	4469'-4475'	4 JSPF	24 holes
2-17-03	4430'-4434'	4 JSPF	16 holes

NEWFIELD

Federal #24-33B-8-16
2103 FWL & 330 FSL
SE/SW Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-31214; Lease #UTU-49092

JM 2/27/2008

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.

2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.

3. Test casing and packer.

4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1401 17th Street, Suite 1000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Wells Draw Federal #24-33-8-16 from a producing oil well to a water injection well in Monument Butte (Green River).

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For Wells Draw Federal.#24-33-8-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4509' - 6232'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD which ever is shallower. The Garden Gulch Marker top is at 1757' and the TD is at 6411'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for Wells Draw Federal #24-33-8-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a State lease (Lease #U-49092) in the Monument Butte (Green River) Field , Wells Draw Federal, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

   2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

   See Attachments A and B.

   2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

   All logs are on file with the Utah Division of Oil, Gas and Mining.

   2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

   A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

   2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

   All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

   2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

   The casing program is 8-5/8", 24#, J-55 surface casing run to 310' KB, and 5-1/2" 15.5# J-55 casing run from surface to 5564' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

   2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

   The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

   2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

   See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1565 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Wells Draw Federal #24-33-8-16, for existing perforations (4480' - 6309') calculates at 0.73 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1565 psig. We may add additional perforations between 4509' and 6411'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Wells Draw Federal #24-33-8-16, the proposed injection zone (4509' - 6232') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-11.

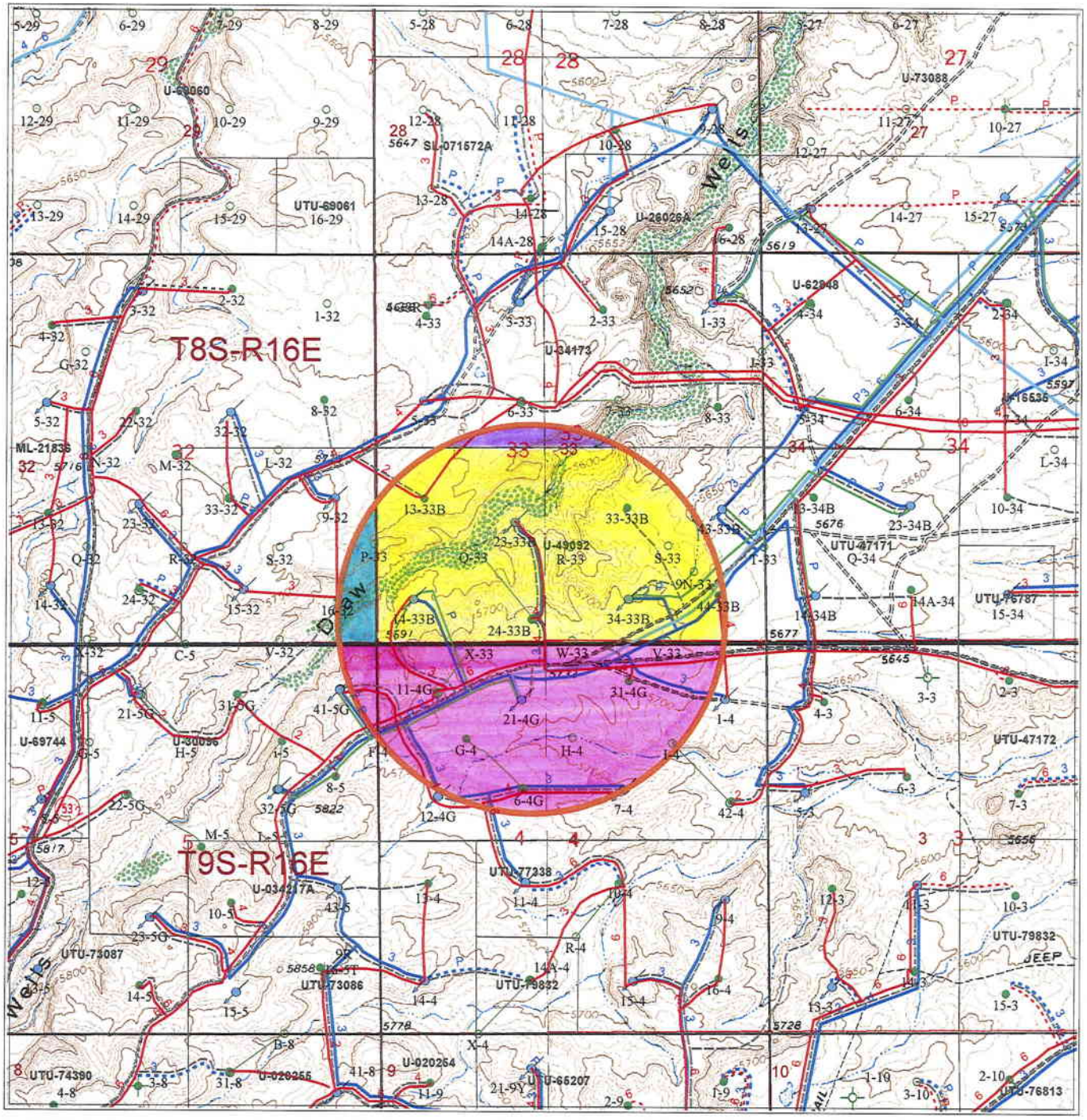
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



Federal 24-33B-8-16
Section 33, T8S-R16E

NEWFIELD
ROCKY MOUNTAINS

N

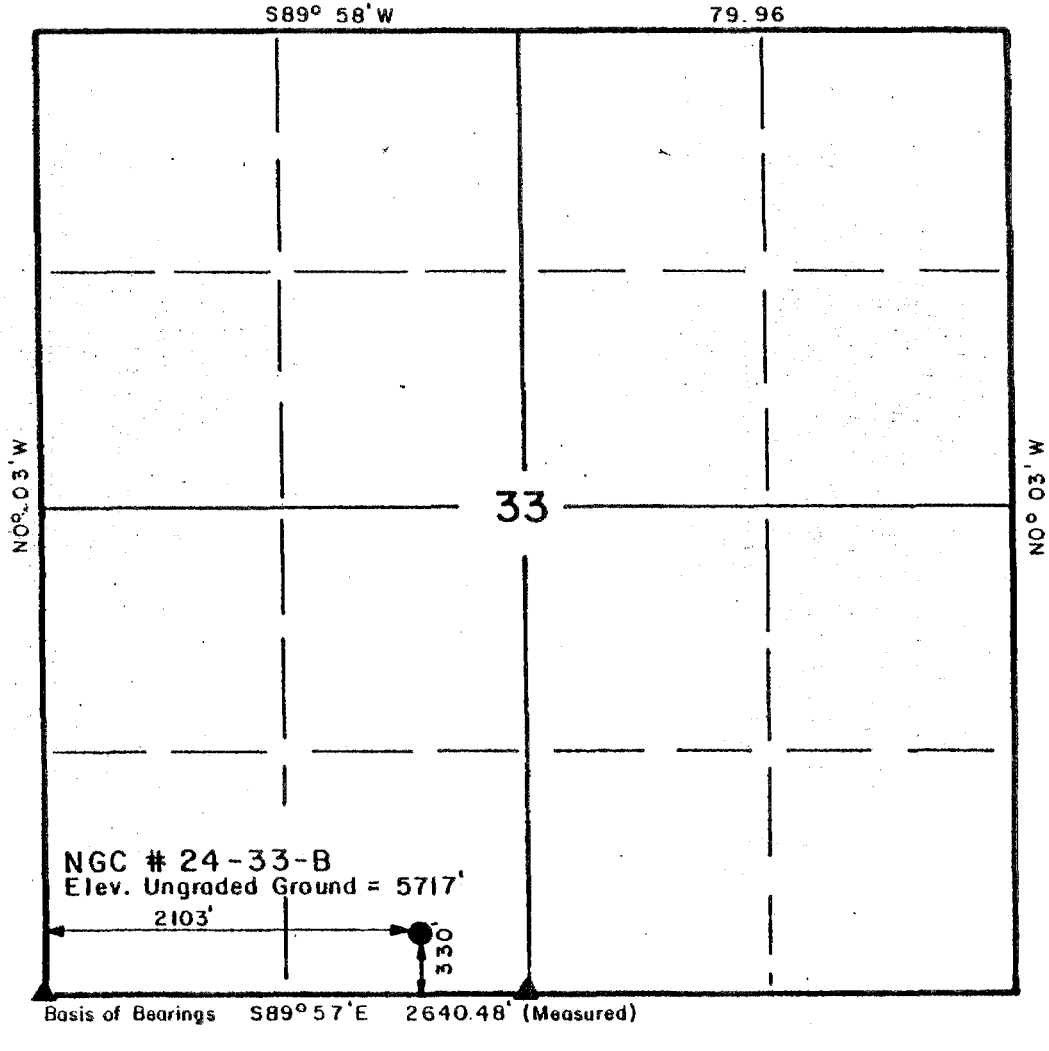
1" = 2000'

1/2 Mile Radius Map
Duchesne County

Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1247
Phone: (303) 893-0102

February 6, 2008

T8S, R16E, S.L.B.&M.



▲ = SECTION CORNERS LOCATED

PROJECT

NGC ENERGY COMPANY

Well Location, NGC NO. 24-33-B, Located as Shown in the SE1/4 SW1/4, Section 33, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SW CORNER OF SECTION 33, T8S, R16E, S.L.B.& M. TAKEN FROM THE MYTON SW, QUADRANGLE, UTAH-DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5691 FEET.

Attachment A-1

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence P. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7/5/88
PARTY GS JS CM JAK	REFERENCES GLO
WEATHER HOT	FILE NGC ENERGY CO

EXHIBIT B
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 9 South, Range 16 East Section 4: Lots 1-4, S2N2 Section 5: Lots 1-3, S2NE4, SENW, NESW	UTU-30096 HBP	Newfield Production Company	(Surface Rights) USA
2	Township 8 South, Range 16 East Section 33: S2	U-49092 HBP	Newfield Production Company	(Surface Rights) USA
3	Township 8 South, Range 16 East Section 32: All	ML-21836 HBP	Newfield Production Company Producers Pipeline Corp. Gavilan Petroleum Inc. Dall Cook	(Surface Rights) St. of Utah
4	Township 9 South, Range 16 East Section 33: N2	U-34173 HBP	Newfield Production Company	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Wells Draw Federal #24-33-8-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 4th day of March, 2008.

Notary Public in and for the State of Colorado: _____

My Commission Expires: 05/05/2009

Attachment E

Federal #24-33B-8-16

Spud Date: 8-15-88
Put on Production: 10-9-88
GL: 5715' KB: 5730'

Initial Production: 37 BOPD, 0 MCFD
0 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: L-80, N-80
WEIGHT: 47#, 53.5#
LENGTH: 7 JTS (295.8')
DEPTH LANDED: 310'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 skx Class "G"cmt, est ? bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / K-55
LENGTH: 5564'
CSG SIZE: 5-1/2" / 17# / N-80
LENGTH: 5564' - 6410'
SET AT: 6410'KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 125 sks Hi-Lift & 500 Class "G" cement.
CEMENT TOP AT: 2405'

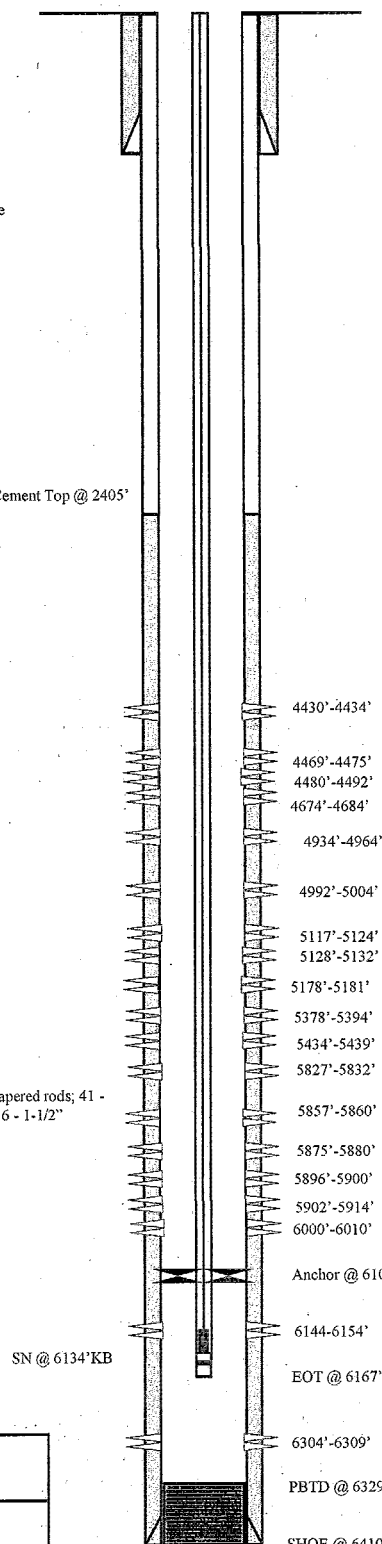
TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 194 jts (6084.95') KB
TUBING ANCHOR: 6099.95'KB
NO. OF JOINTS: 1 jt (31.37') KB
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 6134.07' KB
NO. OF JOINTS: 1 jt (31.85') KB
TOTAL STRING LENGTH: EOT @ 6167.42' KB

SUCKER RODS

POLISHED ROD: 1-1/2"x22'
SUCKER RODS: 1-2', 1-4', 2-8' x 7/8" pony rods; 68 - 7/8" scrapered rods; 41 - 7/8" mixed rods; 118 - 3/4" plain rods; 10 - 3/4" scrapered rods; 6 - 1-1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 82"
PUMP SPEED, SPM: 7 SPM

Wellbore Diagram



FRAC JOB

~~9-17-88~~	~~6304'-6309'~~	~~60,000# 20/40 sand~~ in 642 bbl frac fluid. Avg. treating press. 3300 psi @ 36 BPM. ISIP 2000 psi. Calc. flush: 6304 gal. Actual flush 294 gal. Screened out.
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2-17-03	6000'-6010'	**Frac CP3 sands as follows:** 22,894# 20/40 sand in 220 bbls. YF 125 fluid. Treated @ avg. pressure of 4580 psi w/avg. rate of 15.2 BPM. ISIP-1933 psi. Calc. flush: 1499 gal. Actual flush: 1444 gal.
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2-26-03	4430'-4684'	**Frac GB and PB sands as follows:** 60,274# 20/40 sand in 661 bbls. YF 125 fluid. Treated @ avg. pressure of 1959 psi w/avg. rate of 22.5 BPM. ISIP-2150 psi. Calc. flush: 4430 gal. Actual flush: 4206 gal.
2/03/04		Pump change.
02/17/06		Pump Change. Update rod and tubing detail
05/10/06		Pump Change. Update rod and tubing leak.

PERFORATION RECORD

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2-17-03	5875'-5880'	4 JSPF	20 holes
2-17-03	5857'-5860'	4 JSPF	12 holes
2-17-03	5827'-5832'	4 JSPF	20 holes
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2-17-03	4480'-4492'	4 JSPF	48 holes
2-17-03	4469'-4475'	4 JSPF	24 holes
2-17-03	4430'-4434'	4 JSPF	16 holes

NEWFIELD

Federal #24-33B-8-16
2103 FWL & 330 FSL
SE/SW Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-31214; Lease #UTU-49092

CB 06/05/06

Attach. E-1

Federal #13-33B

Spud Date: 6/22/90
Put on Production: 10/3/90
GL: 5710' KB: 5725'

Initial Production: 116 BOPD, 0 MCFPD, 181 BWPD

SURFACE CASING

CSG SIZE: 8-5/8" / K-55 / 24#
DEPTH LANDED: 306' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 210 sx Class "G"cmt w/2% CaCl2

PRODUCTION CASING

CSG SIZE: 5-1/2" / K-55 / 17#
SET AT: 6384'
HOLE SIZE: 7-7/8"
CEMENT DATA: Lead 180 sx Hi-Lift, tail w/445 10-0 RFC
CEMENT TOP AT: 970'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: J-55 109 jts. (3365.29')
NO. OF JOINTS: 68 jts (2186.12')
TUBING ANCHOR: 2.80' @ 5566.41'KB
NO. OF JOINTS: 1 jts. 31.40'
SEATING NIPPLE: 1.10' @ 5600.71'KB
NO. OF JOINTS: 2 jts. 63.45'
TOTAL STRING LENGTH: EOT @ 5665.61'

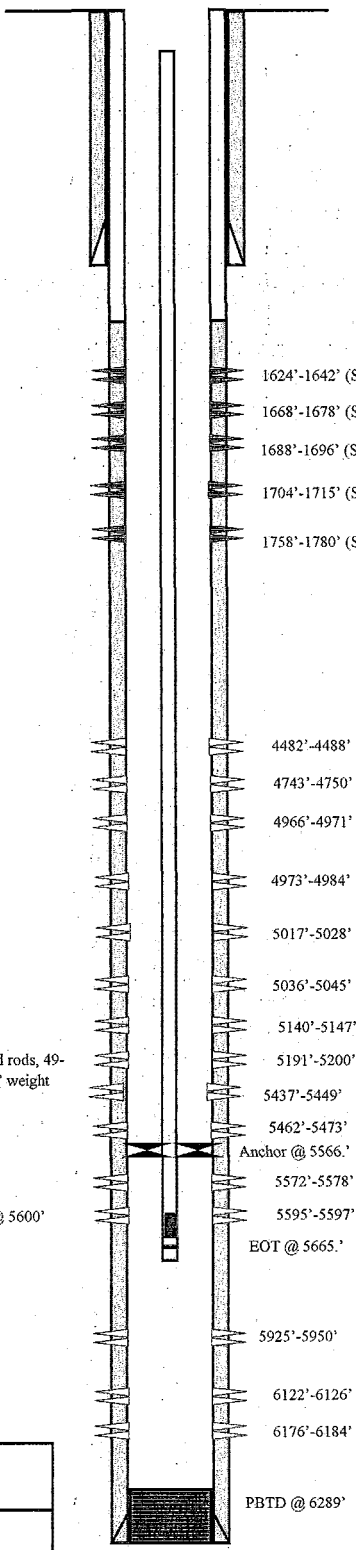
SUCKER RODS

POLISHED ROD: 1 ½' X 22"

SUCKER RODS: 2-8', 1-4', 1-2' x 7/8" pony rods, 85-7/8" scrapered rods, 49-3/4" plain rods, 22-3/4" scrapered rods, 5-1 5/8" weight bars, 1-1 1/2" weight bars.

PUMP SIZE: 2-1/2"x1-1/2"x 14.5' RHAC
STROKE LENGTH: 60"
PUMP SPEED, SPM: 7 SPM
LOGS: DIGL, CDL-DSN, CBL SN @ 5600'

Wellbore Diagram



FRAC JOB

5925'-5950'		29,100# 20/40, 43,000# 16/30.
5437'-5473'		47,000# 20/40, 68,000# 16/30.
4966'-5045'		81,600# 20/40, 101,400# 16/30.
1758'-1780'		Acidize w/3000 gal 15% HCl acid w/Cla-Sta & iron seq. Perfs broke @ 2027 psi, avg 15 bpm, 2200 psi avg press, 3850 psi max press. Run 130 balls, good ball action.
1624'-1715'		Pump 6000 gal 15% HCl acid w/Cla-Sta & iron seq & 225 ball sealers, very little ball action. Well was on vac @ end of treatment.
5140'-5200'		Frac w/118,300# 20/40 sd in 508 bbls Delta Frac. Perfs broke dn @ 3960 psi. Treated @ ave sfc press of 6700 psi w/ave rate of 27 bpm. ISIP: 2345 psi, 5 min: 1875 psi. Flowback on 12/64" choke for 1-1/2 hrs & died. Rec 19 BTF (est 4% of load).
2/5/02		Tubing leak. Update rod and tubing details.
9/10/02		Tubing leak. Updated rod and tubing details.
2/26/03	**6122'-6184'**	**Frac BS and CP5 sands as follows:** 40,735# of 20/40 sand in 330 bbls YF 125 fluid. Treated @ ave pressure 4193 psi W/ave rate of 17 BPM. ISIP-2349psi. Calc. flush: 1610 gals. Actual flush: 1405 gals.
2/2703	**5572'-5597'**	**Frac LODC sands as follows:** 31,897# of 20/40 sand in 288 bbls YF 125 fluid. Treated @ ave pressure 4621 psi W/ave rate of 17.1 BPM. ISIP-3400 psi. Calc. flush: 1439 gals. Actual flush: 1253 gals.
2/27/03	**4743'-4750'**	**Frac PB11 sands as follows:** 31,200# of 20/40 sand in 267 bbls YF 125 fluid. Treated @ ave pressure 3639 psi W/ave rate of 16.7 BPM. ISIP-2245 psi. Calc. flush: 1240 gals. Actual flush: 888 gals.
2/27/03	**4482'-4488'**	**Frac GB6 sands as follows:** 21,091# of 20/40 sand in 206 bbls YF 125 fluid. Treated @ ave pressure 3487 psi W/ave rate of 16.8 BPM. ISIP-2122 psi. Calc. flush: 1150 gals. Actual flush: 993 gals.
9/21/04		Parted Rods, updated rod & tubing detail.

PERFORATION RECORD

5925'-5950'	4 JSPF	100 holes
5462'-5473'	4 JSPF	44 holes
5437'-5449'	4 JSPF	48 holes
5036'-5045'	4 JSPF	36 holes
5017'-5028'	4 JSPF	44 holes
4973'-4984'	4 JSPF	44 holes
4966'-4971'	4 JSPF	20 holes
1758'-1780'	4 JSPF	88 holes Squeezed 4/10/94
1704'-1715'	4 JSPF	44 holes Squeezed 4/10/94
1688'-1696'	4 JSPF	32 holes Squeezed 4/10/94
1668'-1678'	4 JSPF	40 holes Squeezed 4/10/94
1624'-1642'	4 JSPF	72 holes Squeezed 4/10/94
5191'-5200'	4 JSPF	36 holes 3/11/98
5140'-5147'	4 JSPF	28 holes 3/11/98
4482'-4488'	4 JSPF	24 holes 2/25/2003
4743'-4750'	4 JSPF	28 holes 2/25/2003
5572'-5578'	4 JSPF	24 holes 2/25/2003
5595'-5597'	4 JSPF	8 holes 2/25/2003
6122'-6126'	4 JSPF	16 holes 2/25/2003
6176'-6184'	4 JSPF	32 holes 2/25/2003

NEWFIELD

Federal #13-33B

1972'-FSL & 652 FWL
NW/SW Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-31277; Lease #U-49092

LN 9/21/04

A Hum. E-2

Federal #23-33B-8-16

Spud Date: 12/18/89
Put on Production: 2/23/90
Put on Injection: 4/19/01
GL: 5640' KB: 5653'

Initial Production: 60 BOPD, 0 MCFD
100 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 JTS (283')
DEPTH LANDED: 300'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 skx Class "G"cmt, est ? bbls to surface

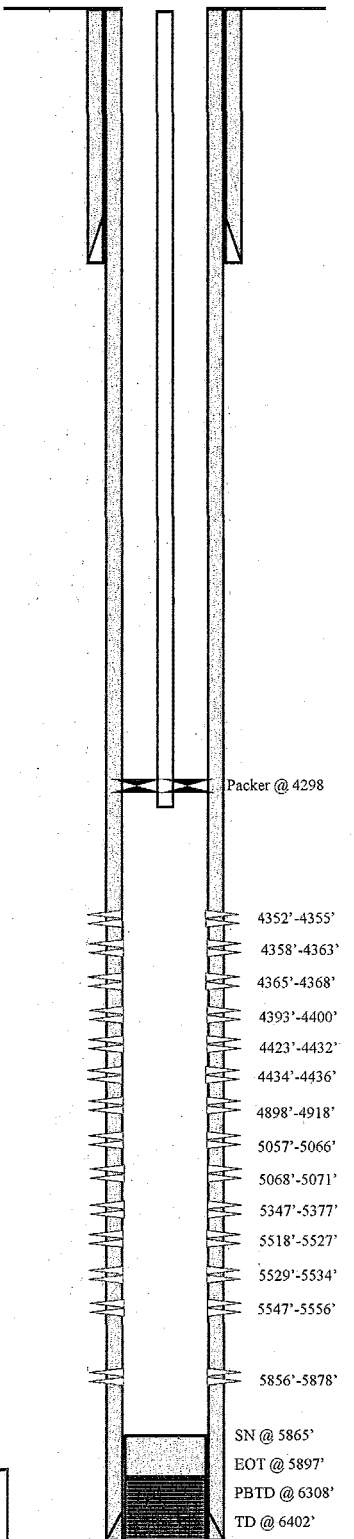
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 17#
LENGTH: 151 jts (6402')
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sks Hi-Lift & 575 sks 10-0 RFC
CEMENT TOP AT:
SET AT: 6402'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 136 jts. (4278.30')
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 4289.30'
TOTAL STRING LENGTH: EOT @ 4297.80'

Injection Wellbore Diagram



FRAC JOB

1-27-90	5856'-5878'	36,000# 20/40 sand, 42,500# 16/30 sand, and 78,500# ttl sd. Avg TP 2100 psi. ISIP-2000 psi, 15 min 1817 psi.
1-30-90	5518'-5556'	36,000# 20/40 sand, 38,000# 16/30 sand and 74,000# ttl sd. Avg TP 3000 psi. ISIP-2985 psi, 15 min 2715 psi.
2-1-90	5347'-5377'	78,000# 20/40 sand, 78,000# 16/30 sand, and 156,000 ttl sd. Avg TP 1900 psi. ISIP-1750 psi, 15 min 1450 psi.
2-3-90	5057'-5071'	21,000# 20/40 SAND, 24,000# 16/30 sand, and 45,000# sd ttl. Screened out 74 bbls into flush. ATP 2200 psi.
2-6-90	4898'-4918	1307 bbls w/ 51,000# 20/40 sand and 51,000# 16/30 sand. BDP 2060 @ 2 BPM. Inc rate to 20 BPM. Press broke @ 3500 psi. Inc rate to 40 BPM @ 2140 psi.
4/12/00	4352'-4436'	469 bbls w/ 87,680# 20/40 sand. ATP 1900 @ 26 BPM. ISIP 2525 psi. Calc. flush: 4352 gal, Actual flush: 4158 gal.
4/18/06		5 Year MIT Completed and Submitted.
7/27/06		Workover - Marcett squeeze treatment
8/9/06		MIT completed and submitted.

PERFORATION RECORD

1-24-90	5856'-5878'	4 JSPF	88 holes
1-30-90	5518'-5527'	4 JSPF	36 holes
1-30-90	5529'-5534'	4 JSPF	20 holes
1-30-90	5547'-5556'	4 JSPF	36 holes
1-31-90	5347'-5377'	4 JSPF	120 holes
2-2-90	5057'-5066'	4 JSPF	36 holes
2-2-90	5068'-5071'	4 JSPF	12 holes
2-4-90	4898'-4918'	4 JSPF	80 holes
4/11/00	4352'-4355'	2 JSPF	06 holes
4/11/00	4358'-4363'	2 JSPF	10 holes
4/11/00	4365'-4368'	2 JSPF	06 holes
4/11/00	4393'-4400'	2 JSPF	14 holes
4/11/00	4423'-4432'	2 JSPF	18 holes
4/11/00	4434'-4436'	2 JSPF	04 holes

NEWFIELD

Federal #23-33B-8-16
1653 FSL & 1888 FWL
NESW Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-31251; Lease #U-49092

CD 8/9/06

A Hamm. E-3

Federal #33-33B

Spud Date: 4/30/90
Put on Production: 8/11/90
GL: 5667' KB: 5682'

Initial Production: 57 BOPD,
0 MCFPD, 112 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"
GRADE: K-55
WEIGHT:24#
LENGTH: 7 jts
DEPTH LANDED: 301' KB
HOLE SIZE: 12 1/4"
CEMENT DATA: 225 sxs Class "G" + 114 sxs Flocele

PRODUCTION CASING

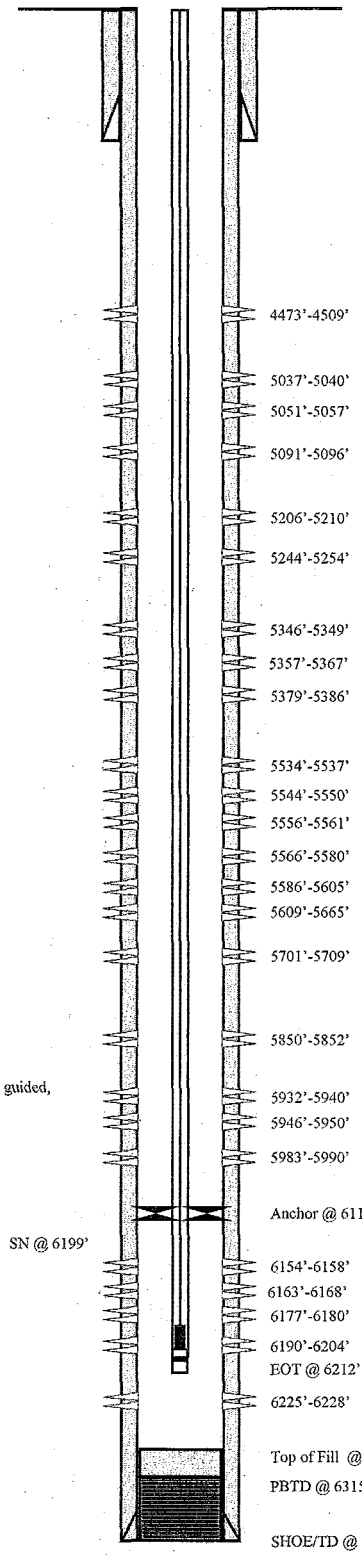
CSG SIZE: 5 1/2"
GRADE: K-55
WEIGHT: 17#
LENGTH: 163 jts
DEPTH LANDED: 6400'KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 155 sxs SilicaLT + 520 sxs Howco
CEMENT TOP AT: 2050' per CBL

TUBING

SIZE/GRADE/WT.: 2 7/8"/J-55/6.5#
NO. OF JOINTS: 197 jts (6151.11')
TUBING ANCHOR: 6166.11' KB
NO. OF JOINTS: 1 jt (31.06')
SEATING NIPPLE: 2 7/8"x1.10'
SN LANDED AT: 6199.97'KB
NO. OF JOINTS: 2 jts (62.43')
TOTAL STRING LENGTH: EOT @ 6263.95.' KB

SUCKER RODS

POLISHED ROD: 1 1/2"x22' polished rod
SUCKER RODS: 4-1 1/2" weight rods, 50 ¾ guided, 72 ¾ guided, 30 ¾ guided, 89 7/8 guided, 1-6', 1-4' x 7/8 pony
PUMP SIZE: 2 1/2" x 1 1/2" x 17' Macgyver
STROKE LENGTH: 52"
PUMP SPEED, SPM: 7 SPM



FRAC JOB

7/11/90	5586'-5665'	**Frac zone as follows:** 83,990# 20/40 sand + 110,250# 16/30 sand in 1821 bbls fluid. Treated @ avg press of 2100 psi w/avg rate of 62.5 BPM. ISIP 2200 psi. Calc. flush: 5586 gal. Actual flush: 5418 gal.
7/13/90	5379'-5386'	**Frac zone as follows:** 18,600# 20/40 sand + 11,000# 16/30 sand in 443 bbls fluid. Treated @ avg press of 1600 psi w/avg rate of 63 BPM. ISIP 2100 psi. Calc. flush: 5379 gal. Actual flush: 2865 gal.
7/17/90	4473'-4509'	**Frac zone as follows:** 56,100# 20/40 sand + 73,750# 16/30 sand in 1253 bbls fluid. Treated @ avg press of 2300 psi w/avg rate of 40 BPM. ISIP 2300 psi. Calc. flush: 4473 gal. Actual flush: 4368 gal.
2/6/03	5850'-6228'	**Frac CP and BS sands as follows:** 119,440# 20/40 sand in 863 bbls YF 125 fluid. Treated @ avg. pressure of 4168 psi w/avg. rate of 17.4 BPM. ISIP - 1946 psi. Calc flush: 1522 gal. Actual flush: 1389 gal.
2/7/03	5701'-5709'	**Frac LoLODC sands as follows:** 24,458# 20/40 sand in 202 bbls YF 125 fluid. Treated @ avg. pressure of 4996 psi w/avg. rate of 17.6 BPM. Calc flush: 1439 gal. Actual flush: 722 gal.
2/7/03	5534'-5580'	**Frac UpLODC sands as follows:** 74,500# 20/40 sand in 550 bbls YF 125 fluid. Treated @ avg. pressure of 3725 psi w/avg. rate of 17.8 BPM. ISIP - 1798 psi. Calc flush: 1424 gal. Actual flush: 1277 gal.
2/8/03	5206'-5367'	**Frac B1, B2 and UpA1 sands as follows:** 65,500# 20/40 sand in 474 bbls YF 125 fluid. Treated @ avg. pressure of 3512 psi w/avg. rate of 17.3 BPM. ISIP - 2189 psi. Calc flush: 1348 gal. Actual flush: 1132 gal.
2/8/03	5037'-5096'	**Frac D3 and C sands as follows:** 22,468# 20/40 sand in 204 bbls YF 125 fluid. Treated @ avg. pressure of 3351 psi w/avg. rate of 17.9 BPM.
5/8/03		Pump Change. Update rod and tubing detail.
10/12/05		Pump Change (Lower EOT)
11/14/05		Pump Change (Lower EOT)
12/08/05		Tubing Leak. Detail tubing and rod update.

PERFORATION RECORD

7/10/90	5609'-5665'	4 JSPF	224 holes
7/10/90	5586'-5605'	4 JSPF	76 holes
7/12/90	5379'-5386'	4 JSPF	28 holes
7/14/90	4473'-4509'	4 JSPF	144 holes
2/4/03	6225'-6228'	4 JSPF	12 holes
2/4/03	6190'-6204'	4 JSPF	56 holes
2/4/03	6177'-6180'	4 JSPF	12 holes
2/4/03	6163'-6168'	4 JSPF	36 holes
2/4/03	6154'-6158'	4 JSPF	36 holes
2/4/03	5983'-5990'	4 JSPF	28 holes
2/4/03	5946'-5950'	4 JSPF	48 holes
2/4/03	5932'-5940'	4 JSPF	48 holes
2/4/03	5850'-5852'	4 JSPF	8 holes
2/4/03	5701'-5709'	4 JSPF	32 holes
2/4/03	5566'-5580'	4 JSPF	76 holes
2/4/03	5556'-5561'	4 JSPF	76 holes
2/4/03	5544'-5550'	4 JSPF	36 holes
2/4/03	5534'-5537'	4 JSPF	36 holes
2/4/03	5357'-5367'	4 JSPF	52 holes
2/4/03	5346'-5349'	4 JSPF	52 holes
2/4/03	5244'-5254'	4 JSPF	56 holes
2/4/03	5206'-5210'	4 JSPF	56 holes
2/4/03	5091'-5096'	4 JSPF	20 holes
2/4/03	5051'-5057'	4 JSPF	36 holes
2/4/03	5037'-5040'	4 JSPF	36 holes

Federal #33-33B
1857 FSL & 1883 FEL
NWSE Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-31268; Lease #U-49092

CB 01/31/06

A Hach. E-4

Federal #14-33B

Wellbore Diagram

Spud Date: 6-7-89
Put on Production: 9-6-89
GL: 5651' KB: 5663'

Initial Production: 300 BOPD, 200 MCFD
92 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: ?
DEPTH LANDED: 300'
HOLE SIZE: 12-1/4"
CEMENT DATA: 225 sks Class "G"cmt, est ? bbls to surface

PRODUCTION CASING

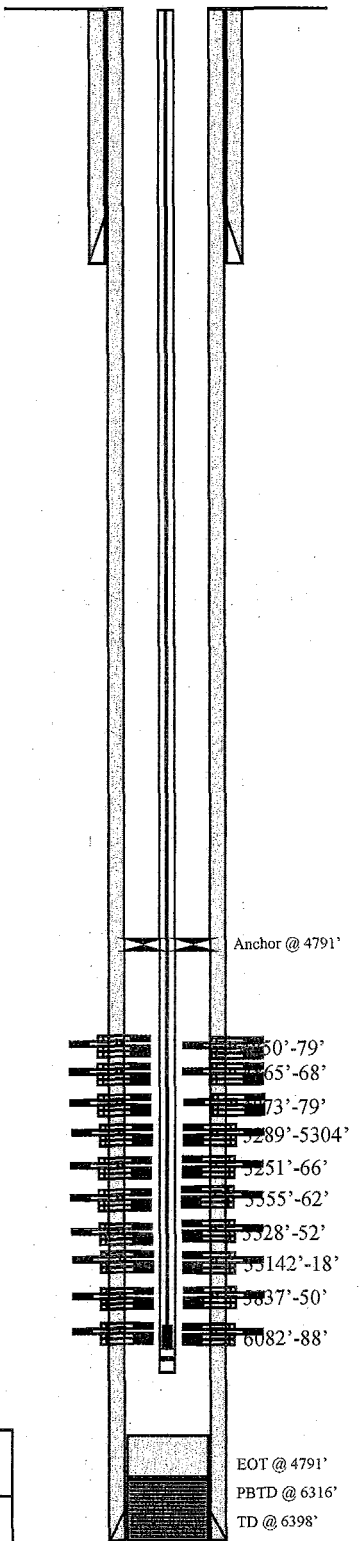
CSG SIZE: 5-1/2"
GRADE: K-55, N-80
WEIGHT: 17#
LENGTH: ?
HOLE SIZE: 7-7/8"
CEMENT DATA: 521 sks Hi-Lift & 502 Class "G"
CEMENT TOP AT: 700'
SET AT: 6398'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: ? jts
TUBING ANCHOR: 4791'
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: ?
SN LANDED AT: ?'

SUCKER RODS

POLISHED ROD:
SUCKER RODS:
TOTAL ROD STRING LENGTH:
PUMP NUMBER:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DLL-Micro, CDL-DSN, CBL-Variable Density



FRAC JOB

7-31-89	6082'-6088'	35,750# 20/40 sand, 21,450# 16/30 sand, 719 bbls.
8-1-89	5837'-5850'	42,250# 20/40 sand, 25,350# 16/30 sand, 761 bbls. Avg rate of 37 BPM. ISIP-2000 psi, 15 min 1770 psi.
8-4-89	5514'-5562'	81,250# sand, 48,750# 16/30 sand, 1462 gals. Avg rate of 45 BPM. ISIP-2400 psi, 15 min 2250 psi.
8-10-89	5251'-5304'	65,000# 20/40 sand, 35,000# 16/30 sand, and 1175 bbls. Avg rate of 45 BPM w/avg press of 2400 psi. ISIP-2200 psi, 15 min 1850 psi.
8-13-89	4850'-4879'	48,750# 20/40 sand, 21,250# 16/30 sand, 862 bbls. ISIP-2400 psi., 15 min 1500 psi. Avg rate of 42 BPM.

PERFORATION RECORD

7-30-89	6082'-6088'	4 JSPF	24 holes
8-1-88	5837'-5850'	4 JSPF	52 holes
8-3-88	5514'-5518'	4 JSPF	16 holes
8-3-88	5528'-5552'	4 JSPF	96 holes
8-3-88	5555'-5562'	4 JSPF	28 holes
8-8-88	5251'-5266'	4 JSPF	60 holes
8-8-88	5289'-5304'	4 JSPF	60 holes
8-13-88	4850'-4862'	4 JSPF	48 holes
8-13-88	4865'-4868'	4 JSPF	12 holes
8-13-88	4873'-4879'	4 JSPF	24 holes

Inland Resources Inc.

Federal #14-33B

500 FWL 600 FSL

SWSW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31229; Lease #U-49092

Attach. 6-5

Federal #34-33B

Spud Date: 4/24/90

P

ut on Injection: 1/11/95

GL: 5683' KB: 5696'

Initial Production: 580 BOPD, 0 MCFPD, 249 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT:24#

LENGTH: ?

DEPTH LANDED: 305' GL

HOLE SIZE:?

CEMENT DATA: 225 sxs cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 6392'

DEPTH LANDED: ?

HOLE SIZE: ?

CEMENT DATA: 734 sks cement

CEMENT TOP AT: ?

TUBING

SIZE/GRADE/WT.: 2-7/8"

NO. OF JOINTS: ? Landed @:5969'

TUBING ANCHOR:?

SEATING NIPPLE:?

TOTAL STRING LENGTH:?

SN LANDED AT:?

SUCKER RODS

POLISHED ROD:

SUCKER RODS:

TOTAL ROD STRING LENGTH:

PUMP NUMBER:

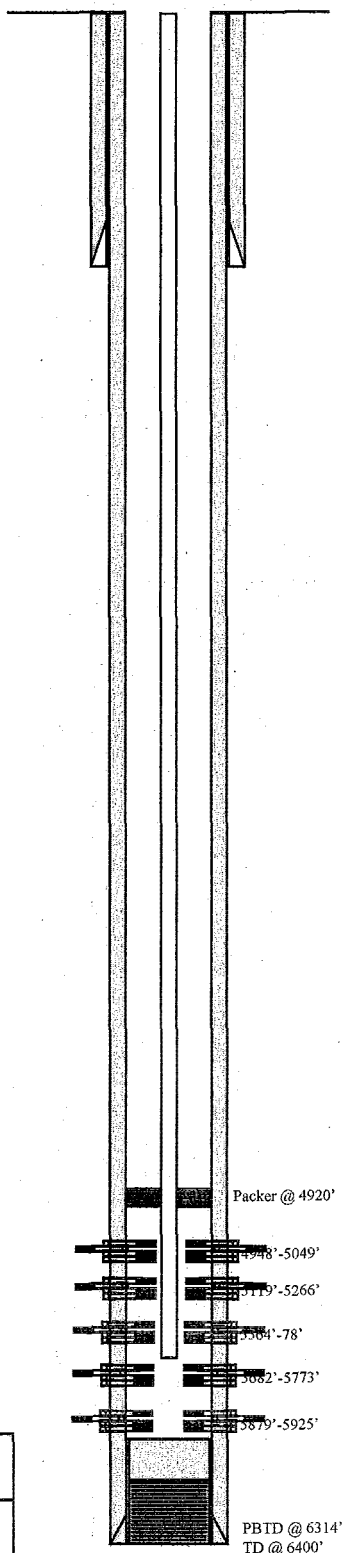
PUMP SIZE:

STROKE LENGTH:

PUMP SPEED, SPM:

LOGS: Cal, CDL-CSN-DLL-MGRD

Injection Diagram



FRAC JOB

5879'-5925'	50,000# 20/40 sand 45,000 # 16/30 sand, 41,300 gal gel
5682'-5773'	30,600# 20/40 sand 46,400# 16/30 sand, 824 bbls fluid
5564'-5578'	30,100# 20/40 sand 39,800#16/30 sand , 668 bbls fluid
5119'-5266'	31,000# 20/40 sand 40,900# 16/30 sand, 729 bbls fluid
4948'-5049'	65,100# 20/40 sand 46,100# 16/30 sand

PERFORATION RECORD

5879'-5925'	4 JSPF	? holes
5682'-5773'	4 JSPF	? holes
5564'-5578'	4 JSPF	? holes
5119'-5266'	4 JSPF	? holes
4948'-5049'	4 JSPF	? holes

Inland Resources Inc.

Federal #34-33B

614 FSL 1885 FEL

SWSE Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31269; Lease #U-49092

Attach. E-6

Federal #44-33B

Spud Date: 4/25/90
Put on Production: 7/25/90
GL: 5696' KB: 5711'

Wellbore Diagram

Initial Production: 80 BOPD,
0 MCFPD, 96 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: ?
DEPTH LANDED: 300' GL
HOLE SIZE:12-1/4"
CEMENT DATA: 225 sxs cmt

PRODUCTION CASING

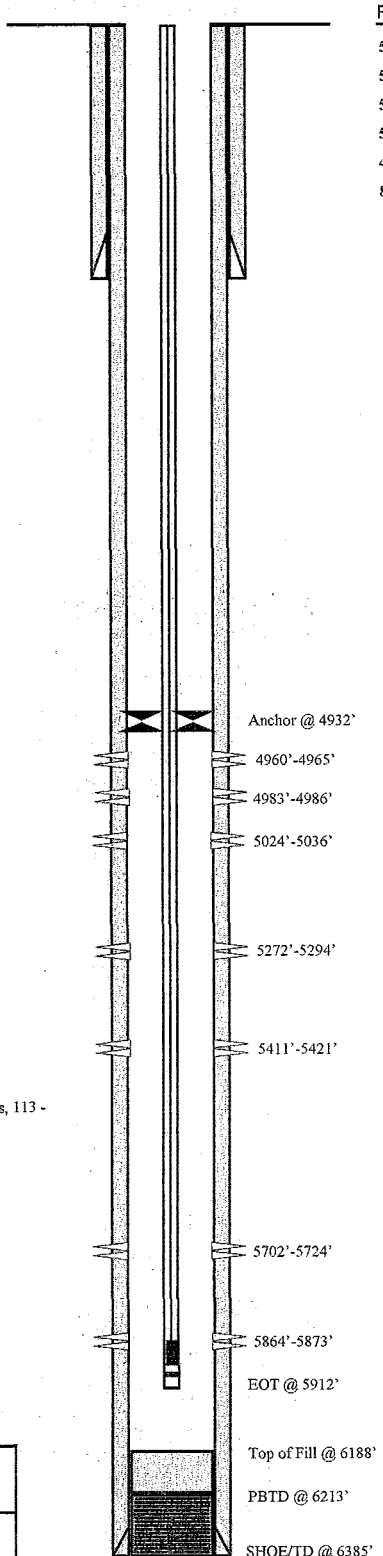
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: ? jts. (6385')
DEPTH LANDED: ?
HOLE SIZE: 7-7/8"
CEMENT DATA: 955 sks cement
CEMENT TOP AT: Est @ 2650'

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/J-55
NO. OF JOINTS: 155 jts.
TUBING ANCHOR: 4932'
NO. OF JOINTS: 30 jts.
SEATING NIPPLE: ?
SN LANDED AT: 5879'
NO. OF JOINTS: 1 jt.
TOTAL STRING LENGTH: 5912'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22
SUCKER RODS: 1-2', 2-4' x 7/8" pony rods, 93 - 7/8" scrapered rods, 113 - 3/4" plain rods, 21-3/4" scrapered rods , 6-1 ½" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5 RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 7 SPM
LOGS: DIGL, CDL/DSN, CBL/VDL



FRAC JOB

5864'-5873'	28,240# 20/40 sand, 37,250# 16/30 sand
5702'-5724'	37,470# 20/40 sand, 49,315#16/30 sand
5411'-5421'	26,250# 20/40 sand, 34,620# 16/30 sand
5272'-5294'	37,410# 20/40 sand, 49,315# 16/30 sand
4960'-5036'	48,570# 20/40 sand, 63,885# 16/30 sand
8/3/04	Parted rods. Update rod and tubing detail.

PERFORATION RECORD

5864'-5873'	4 JSPF	36 holes
5702'-5724'	4 JSPF	88 holes
5411'-5421'	4 JSPF	40 holes
5272'-5294'	4 JSPF	88 holes
4960'-5036'	4 JSPF	36 holes

Inland Resources Inc.

Federal #44-33B

666 FSL & 660 FEL

SESE Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31270; Lease #U-49092

MH 8/9/04

A Hach. E-7

Federal #11-4G-9-16

Spud Date: 12/21/89
Put on Production: 3/21/90
GL: 5750' KB: 5761'

Initial Production: 78 BOPD, 0 MCFD
130 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 JTS
DEPTH LANDED: 296'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 Class "G"cmt, est ? bbls to surface

Casing Shoe @ 296'

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 17#
LENGTH: 151 jts
HOLE SIZE: 7-7/8"
CEMENT DATA: 317 sks Hi-Lift & 595 sks 10-0 RFC
CEMENT TOP AT: 1430'
SET AT: 6453'

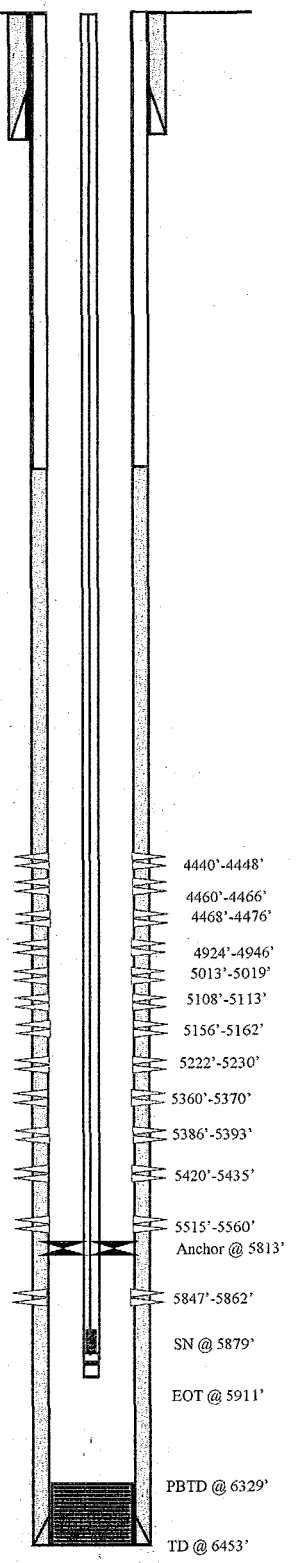
Cement top @ 1430'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 185 jts (5800.04')
TUBING ANCHOR: 5813.04' KB
NO. OF JOINTS: 2 jts (62.73')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5878.57'
NO. OF JOINTS: 1 jt (31.35')
TOTAL STRING LENGTH: EOT @ 5911.47' w/13' KB

SUCKER RODS

POLISHED ROD: 1-1/2"x22'
SUCKER RODS: 1- 7/8" plain rods, 91- 7/8" scrapered rods, 4- ¾" scrapered rods, 122- ¾" plain rods, 10- ¾" scrapered rods
PUMP SIZE: 2-1/2" X 1-3/4" X 12 X 16' RHAC
STROKE LENGTH: 62"
PUMP SPEED, SPM: 7 SPM
LOGS: DIL/CDL/DSN, CBL/VDL/CLL



FRAC JOB

2-15-90	5847'-5862'	35,000# 20/40 sand, 53,000# 16/30 sand, and 88,000# ttl sd. Avg TP 2300 psi. ISIP-2330 psi.
2-17-90	5515'-5560'	Screened out w/42,000# 20/40 in formation. Job scheduled from 180,000#, cannot maintain rate. Avg TP 3700 psi. ISIP-2700 psi, 15 min 1870 psi.
2-21-90	5360'-5435'	70,000# 20/40 sand, 68,000# 16/30 sand, and 138,000 sd ttl. Avg TP 2600 psi. ISIP-1800 psi, 15 min 940 psi.
2-24-90	5222'-5019'	41,000# 16/30 sand. Avg TP 2900 psi, 15 min 1150 psi.
2-27-90	4924'-4946'	48,000# 20/40 sand. Sand master broke down & couldn't pump 16/30 sand. Avg TP 2550 psi. ISIP-1770 psi, 15 min 1500 psi.
2-05-03	5156'-5162'	Frac B.5 sands as follows: 20,307# 20/40 sand in 198 bbls Viking I-25 fluid. Treated @ avg. pressure of 3953 psi w/avg. rate of 14.5 BPM. ISIP - 2695 psi. Calc. flush: 1307 gal. Actual flush: 1218 gal.
2-05-03	4440'-4476'	Frac GB6 sands as follows: 74,499# 20/40 sand in 564 bbls Viking I-25 fluid. Treated @ avg. pressure of 2176 psi w/avg. rate of 24.6 BPM. ISIP - 2240 psi. Calc. flush: 4440 gal. Actual flush: 4242 gal.
02-20-06		Pump Change. Updated rod and tubing detail

PERFORATION RECORD

2-13-90	5847'-5862'	4 JSPF	60 holes
2-16-90	5515'-5560'	4 JSPF	180 holes
2-20-90	5360'-5370'	4 JSPF	40 holes
2-20-90	5386'-5393'	4 JSPF	28 holes
2-20-90	5420'-5435'	4 JSPF	60 holes
2-22-90	5222'-5230'	4 JSPF	32 holes
2-22-90	5108'-5113'	4 JSPF	20 holes
2-22-90	5013'-5019'	4 JSPF	24 holes
2-26-90	4924'-4946'	4 JSPF	88 holes
2-04-03	5156'-5162'	4 JSPF	24 holes
2-04-03	4468'-4476'	4 JSPF	32 holes
2-04-03	4460'-4466'	4 JSPF	24 holes
2-04-03	4440'-4448'	4 JSPF	32 holes

NEWFIELD

Federal #11-4G-9-16
800 FWL & 660 FNL
NWNW Section 4-T9S-R16E
Duchesne Co, Utah
API #43-013-31250; Lease #U-30096

TR 3-24-06

Attach. E-8

Federal #21-4G

Spud Date: 6-2-90
Put on Injection: 1-11-95
GL: 5715' KB: 5730'

Initial Production: 349 BOPD, 0 MCFD
57 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 JTS
DEPTH LANDED: 305'
HOLE SIZE: 12-1/4"
CEMENT DATA: 210 sx Class "G"cmt

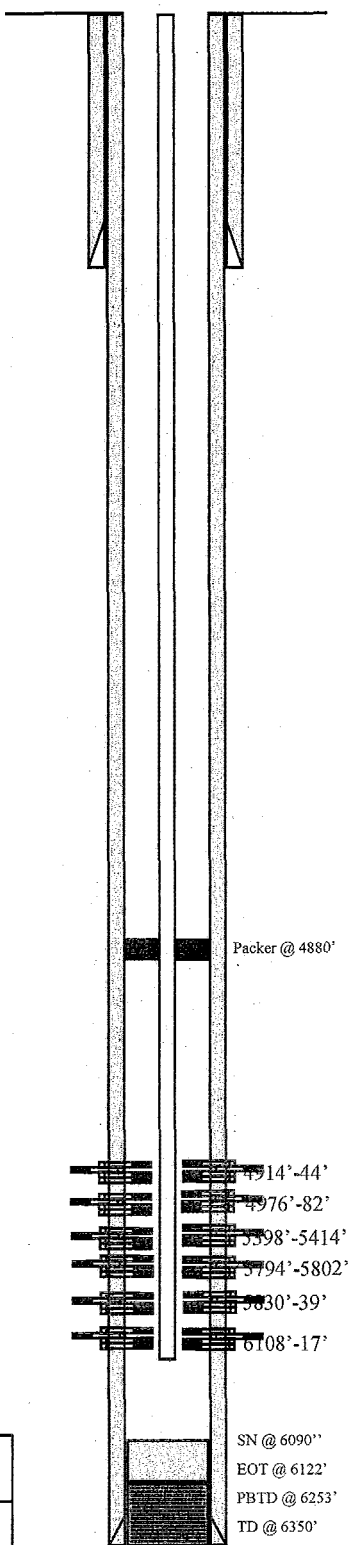
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 17#
LENGTH: ? jts
HOLE SIZE: 7-7/8"
CEMENT DATA: 145 sx Hi-Lift & 530 sx 10-0 RFC
CEMENT TOP AT: 1150'
SET AT: 6339'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 197 jts
TUBING ANCHOR: 4877'
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: ?
SN LANDED AT: 6090'

Injection Diagram



FRAC JOB

8-10-90	6108'-6117'	40,720# 20/40 sand, 542 bbls. Avg press of 2200 psi w/avg rate of 25 BPM. ISIP-2100 psi, 15 min 1880 psi.
8-12-90	5794'-5839'	32,020# 20/40 sand, 42,265# 16/30 sand, and 849 bbls. ISIP-2030 psi, 5 min 1850 psi.
8-14-90	5398'-5414'	37,400# 20/40 sand, 49,300# 16/30 sand, and 885 bbls. Avg TP 2550 psi w/avg rate of 35 BPM. ISIP-2000 psi, 15 min 1650 psi.
8-17-90	4914'-4982'	60,800# 20/40 sand, 80,100# 16/30 sand, and 1303 bbls. Avg TP 2400 psi w/avg press of rate of 50 BPM.

PERFORATION RECORD

8-9-90	6108'-6117'	4 JSPF	36 holes
8-11-90	5794'-5802'	4 JSPF	32 holes
8-11-90	5830'-5839'	4 JSPF	36 holes
8-13-90	5398'-5414'	4 JSPF	64 holes
8-15-90	4914'-4944'	4 JSPF	120 holes
8-15-90	4976'-4982'	4 JSPF	24 holes

Inland Resources Inc.

Federal #21-4G

1958 FWL 760 FNL

NENW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31272; Lease #U-30096

Attach. 6-9

Federal #31-4G-9-16

Spud Date: 4-27-89
Put on Production: 6-7-89
GL: 5713' KB: 5729'

Initial Production: 102 BOPD, 0 MCFD
15 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: 8 JTS
DEPTH LANDED: 300'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 skx Class "G"cmt, est 8 bbls to surface

PRODUCTION CASING

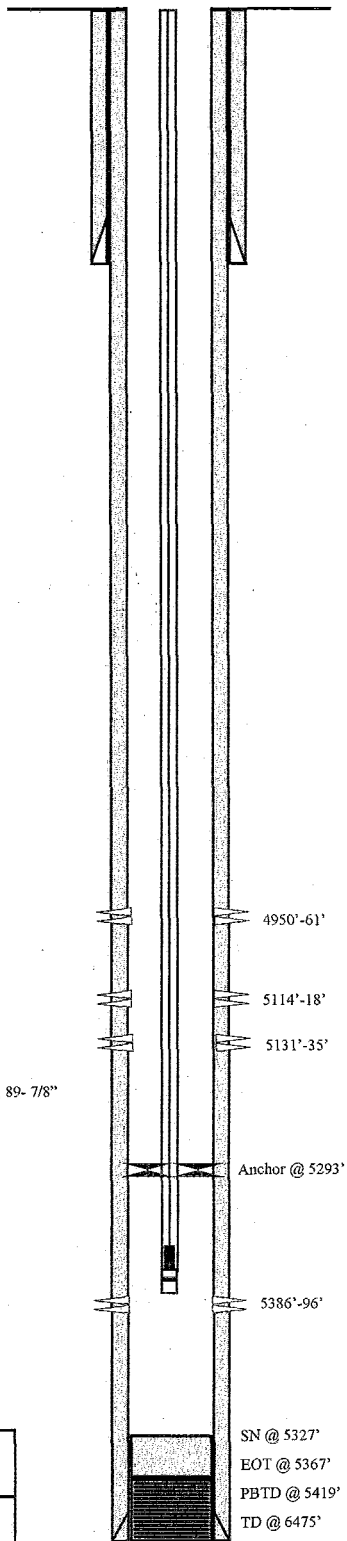
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 17#
LENGTH: 132 jts
SET AT: 6475'
HOLE SIZE: 7-7/8"
CEMENT DATA: 260 sks Hi-Lift & 850 sks Class "G"
CEMENT TOP AT: 2300'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 166 jts (5280.59')
TUBING ANCHOR: 5292.59' KB
NO. OF JOINTS: 1 jt (31.66)
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 5327.05' KB
NO. OF JOINTS: 1 perf sub (38.75')
NO. OF JOINTS: 1 jt
TOTAL STRING LENGTH: EOT @ 5367.35' KB

SUCKER RODS

POLISHED ROD: 1-1/2"x22'
SUCKER RODS: 2- 8', 1- 2' x 7/8" pony rods; 18- 7/8" scraper rods, 89- 7/8" plain rods; 64-3/4" plain rods, 36- 3/4" guided rods; 5- 1 ½" wt bars
PUMP SIZE: 2-1/2"x1-1/2"x12'x16' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 6
LOGS: DIL, SFL, SP, GR, FDC, CNL, GR, Cal., CBL, GR



FRAC JOB

5-18-89	5386'-5396'	38,500# 20/40 sand, 41,050#016/30 sand, and 810 bbls. Avg TP 1700 psi w/avg rate of 35 BPM. ISIP-1800 psi.
5-23-89	4950'-4961'	49,000# 20/40 sand, 50,800# 16/30 sand, and 1002 bbls. Avg TP 2000 psi w/avg rate of 43 BPM. ISIP – 1900 psi.
3-05-98	5114'-5135'	118,300# 20/40 sd in 482 bbls Delta Frac. Treated @ ave sfc press of 6850 psi w/ave rate of 27.3 bpm. ISIP: 1765 psi. Calc flush: 1303 gal. Actual flush: 1259 gal.
04/19/07	Parted Rods	Updated rod & tubing details.

PERFORATION RECORD

5-17-89	5386'-5396'	4 JSPF	40 holes
5-20-89	4950'-4961'	4 JSPF	44 holes
3-04-98	5114'-5118'	4 JSPF	16 holes
3-04-98	5131'-5135'	4 JSPF	16 holes

Inland Resources Inc.

Federal #31-4G-9-16

500 FNL & 1900 FEL
NWNE Section 4-T9S-R16E
Duchesne Co, Utah
API #43-013-31228; Lease #U-30096

TW 05/02/07

Attach. E-10

WELLS DRAW FED. G-4-9-16

Spud Date: 08/16/07
Put on Production: 10/04/07

GL: 5719' KB: 5731'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (296.61')
DEPTH LANDED: 308.46' KB
HOLE SIZE:12-1/4"
CEMENT DATA:1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

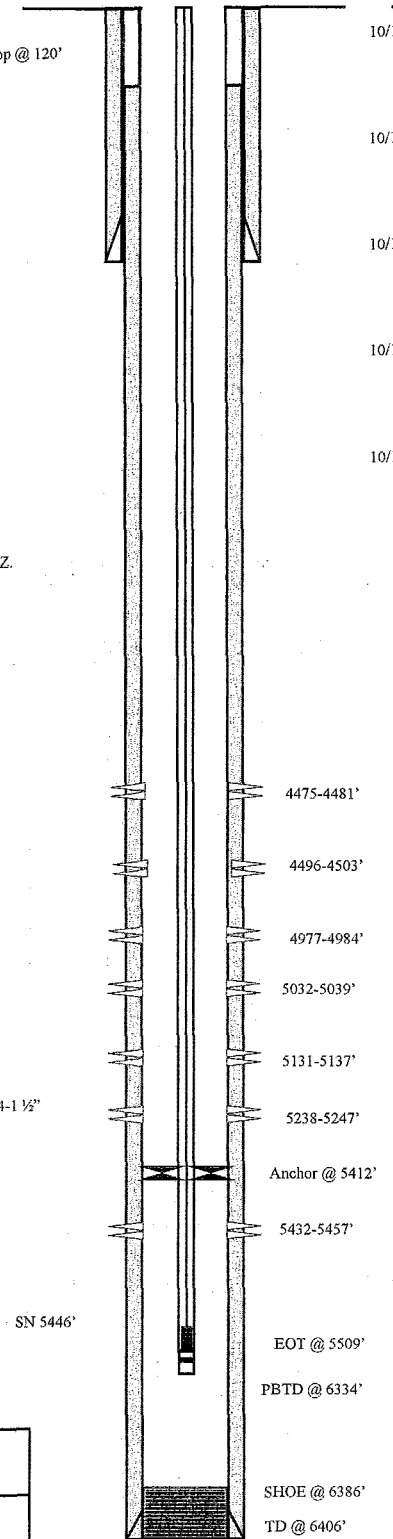
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 162 jts. (6386.28')
DEPTH LANDED: 6386.03' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5399.99')
TUBING ANCHOR: 5411.99' KB
NO. OF JOINTS: 1 jts (30.73')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5445.52' KB
NO. OF JOINTS: 2 jts (61.53')
TOTAL STRING LENGTH: EOT @ 5508.60' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS:1-4' X 7/8" pony rods, 213-7/8"" scrapered rods, 4-1 ½" weight bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 20' 'RHAC
STROKE LENGTH: 144"
PUMP SPEED, 5 SPM:



FRAC JOB

10/1/07 5649-5658' **Frac A1 sands as follows:** 105895# 20/40 sand in 805 bbls Lightning 17 frac fluid. Treated @ avg press of 1932 psi w/avg rate of 24.7 BPM. ISIP 2103 psi. Calc flush: 5647 gal. Actual flush: 4956 gal.

10/1/07 5236-5272' **Frac B1 sands as follows:** 25043# 20/40 sand in 368 bbl Lightning 17 frac fluid. Treated @ avg press of 1845 psi w/avg rate of 24.7 BPM. ISIP 1852 psi. Calc flush: 5234 gal. Actual flush: 4788 gal.

10/1/07 5131-5137' **Frac C sands as follows:** 15827# 20/40 sand in 281 bbls Lightning 17 frac fluid. Treated @ avg press of 2403 psi w/avg rate of 24.8 BPM. ISIP 2515 psi. Calc flush: 5129 gal. Actual flush: 4662 gal.

10/107 4977-5039' **Frac D2 & D1 sands as follows:** 66384# 20/40 sand in 544 bbls Lightning 17 frac fluid. Treated @ avg press of 2161 psi w/avg rate of 24.7 BPM. ISIP 2193 psi. Calc flush: 4975 gal. Actual flush: 4452 gal.

10/1/07 4475-4503' **Frac GB6 sands as follows:** 32962# 20/40 sand in 357 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 24.8 BPM. ISIP 1916 psi. Calc flush: 4473 gal. Actual flush: 4368 gal.

PERFORATION RECORD

5432-5457'	4 JSPF	100 holes
5238-5247'	4 JSPF	36 holes
5131-5137'	4 JSPF	24 holes
5032-5039'	4 JSPF	28 holes
4977-4984'	4 JSPF	28 holes
4496-4503'	4 JSPF	28 holes
4475-4481'	4 JSPF	24 holes

NEWFIELD

WELLS DRAW FED. G-4-9-16

1994'FNL & 1964' FWL

SW/NW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-33518; Lease # UTU-30096

TW 01/30/08

Attach. 6-11

Wells Draw #6-4-9-16

Spud Date: 1/7/98
Put on Production: 2/6/98
GL: 5721' KB: 5733'

Initial Production: 84 BOPD, 94 MCFD
8 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 jts
DEPTH LANDED: 290'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium, est 6 bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts 5997'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sxs Hibond & 365 sxs Thixotropic
CEMENT TOP AT:
SET AT: 6007'

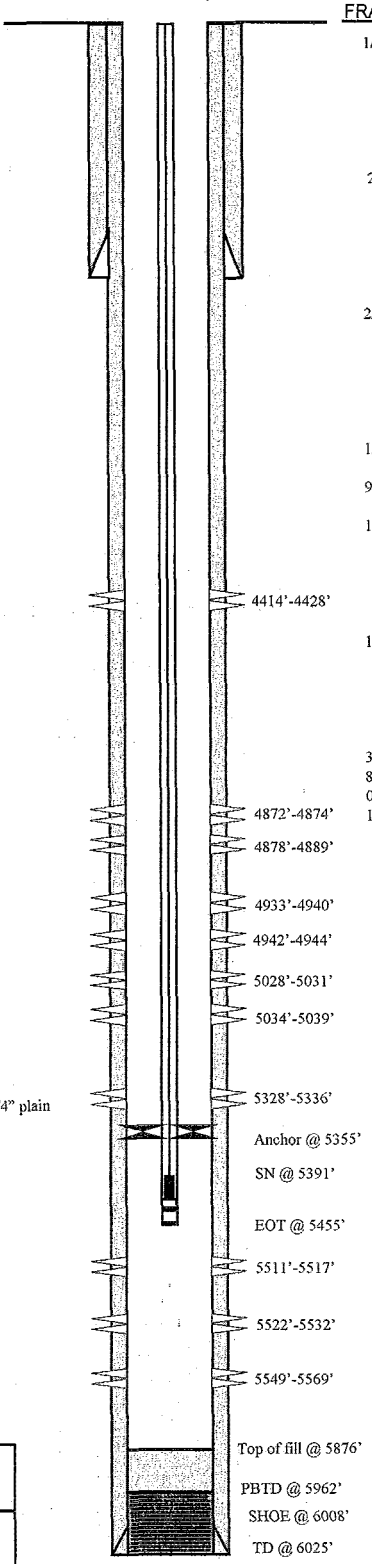
TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#
NO. OF JOINTS: 152 jts. (4729.31')
NO. OF JOINTS: 19 jts. (613.81') J-55
TUBING ANCHOR: 5355.12'
NO. OF JOINTS: 1 jt. (33.03')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 5390.95'
NO. OF JOINTS: 2 jts. (62.58') M-50 tbg
TOTAL STRING LENGTH: EOT @ 5455.08' KB

SUCKER RODS

POLISHED ROD: 1 1/2" X 22'
SUCKER RODS: 6-1 1/2" weight rods; 25-3/4" scrapered rods, 89-3/4" plain rods, 95-3/4" scrapered rods, 1-6', 1-4', x 3/4" pony rods
PUMP SIZE: 2 1/2" X 1 1/2" x 12' X 15.5' RHAC
STROKE LENGTH: 54"
PUMP SPEED, SPM: 4 SPM
LOGS: DIGL/SP/GR/CAL (6022'-300')
DSN/SDL/GR (5984'-3000')

Wellbore Diagram



FRAC JOB

1/30/98	5511'-5569	Frac LDC sands as follows: 120,300# 20/40 sd in 582 bbls Delta frac. Breakdown @ 2640 psi. Treated @ avg press of 1980 psi w/avg rate of 34.9 BPM . ISIP - 2411 psi, 5 min 2168 psi. Flowback on 12/64 ck for 4-1/2 hrs & died.
2/1/98	5328'-5336'	Frac A sands as follows: 81,300 # sd in 459 bbls Delta frac. Breakdown @ 2501 psi. Treated @ avg press of 3500 psi w/avg rate of 25 BPM. ISIP - 2094 psi, 5 min 3041 psi. Flowback on 12/64 ck for 2-1/2 hrs & died.
2/04/98	4872'-5039'	Frac D/C sands as follows: 113,300 # 20/40 sd in 556 bbls Delta frac. Breakdown @ 1109 psi. Treated w/avg pres of 1600 psi w/avg rate of 30 BPM. ISIP - 2094 psi, 5 min 2026 psi. Flowback on 12/64 ck 2-1/2 hrs & died.
1/2/02		Pump change. Update rod and tubing details.
9/5/02		Tubing leak. Update rod and tubing details.
10/24/02	4872'-4889'	Refrac D1 sands as follows: 50,000# 20/40 sand in 203 bbls Viking I-25 fluid. Treated @ avg pressure of 2280 psi w/avg rate of 24.6 BPM. ISIP - 2625 psi. Calc. flush: 4872 gals. Actual flush: 4869 gals.
10/24/02	4414'-4428'	Frac GB6 sands as follows: 50,000# 20/40 sand in 214 bbls Viking I-25 fluid. Treated @ avg pressure of 2013 psi w/avg rate of 22.7 BPM. ISIP - 2080 psi. Calc. flush: 4414 gals. Actual flush: 4661 gals.
3/1/03		Pump change. Update rod detail.
8/02/04		Tubing Leak. Update tubing and rod detail.
03/28/07		**Pump Change.** Update rod & tubing details.
10/09/07		**Pump Change.** Update rod & tubing details.

PERFORATION RECORD

1-29-98	5511'-5517'	4 JSPF	24 holes
1-29-98	5522'-5532'	4 JSPF	40 holes
1-29-98	5549'-5569'	4 JSPF	80 holes
1-31-98	5328'-5336'	4 JSPF	32 holes
2-03-98	4872'-4874'	4 JSPF	8 holes
2-03-98	4878'-4889'	4 JSPF	44 holes
2-03-98	4933'-4940'	4 JSPF	28 holes
2-03-98	4942'-4944'	4 JSPF	8 holes
2-03-98	5028'-5031'	4 JSPF	12 holes
2-03-98	5034'-5039'	4 JSPF	20 holes
10-24-02	4414'-4428'	4 JSPF	56 holes

NEWFIELD

Wells Draw #6-4-9-16

1980' FNL & 1980' FWL

SENW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31972; Lease #U-30096

TW 11/14/07

A Hachmeet E
1 of 4

West Coast Region
5125 Boylan Street
Bakersfield, CA 83308
(661) 325-4138
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	43437
Lease/Platform:	WELLS DRAW	Analysis ID #:	79484
Entity (or well #):	24-33B-8-16	Analysis Cost:	$80.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary	
Sampling Date:	02/19/08
Analysis Date:	02/26/08
Analyst:	LISA HAMILTON
TDS (mg/l or g/m3):	5702.6
Density (g/cm3, tonne/m3):	1.004
Anion/Cation Ratio:	1.0000001
Carbon Dioxide:	
Oxygen:	
Comments:	

Analysis of Sample 43437 @ 75 °F

Anions	mg/l	meq/l
Chloride:	**2795.0**	**78.84**
Bicarbonate:	**587.0**	**9.62**
Carbonate:	**123.0**	**4.1**
Sulfate:	**46.0**	**0.96**
Phosphate:		
Borate:		
Silicate:		
Hydrogen Sulfide:		
pH at time of sampling:		
pH at time of analysis:		8.52
pH used in Calculation:		**8.52**

Cations	mg/l	meq/l
Sodium:	**2114.4**	**91.97**
Magnesium:	**6.0**	**0.49**
Calcium:	**11.0**	**0.55**
Strontium:	**2.0**	**0.05**
Barium:	**2.0**	**0.03**
Iron:	**0.9**	**0.03**
Potassium:	15.0	0.38
Aluminum:		
Chromium:		
Copper:		
Lead:		
Manganese:	0.300	0.01
Nickel:		

Conditions | **Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl**

Temp	Gauge Press.	Calcite $CaCO_3$		Gypsum $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.53	5.92	-3.22	0.00	-3.28	0.00	-2.19	0.00	0.91	1.05	0.03
100	0	0.52	5.92	-3.22	0.00	-3.23	0.00	-2.17	0.00	0.76	1.05	0.05
120	0	0.52	5.92	-3.22	0.00	-3.14	0.00	-2.14	0.00	0.65	1.05	0.09
140	0	0.52	5.92	-3.21	0.00	-3.04	0.00	-2.10	0.00	0.55	0.70	0.14

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

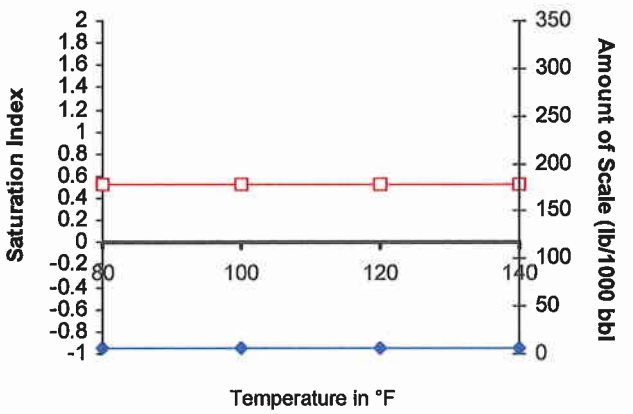
Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Attachment F
2 of 4

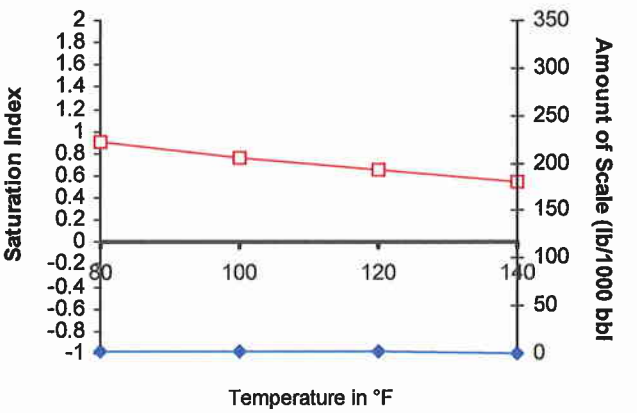
Scale Predictions from Baker Petrolite

Analysis of Sample 43437 @ 75 °F for NEWFIELD EXPLORATION, 02/26/08

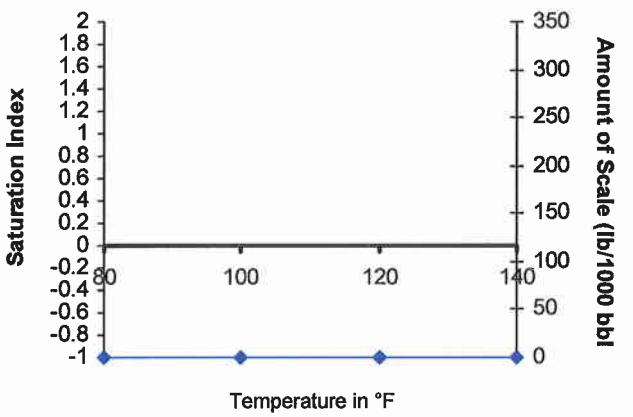
Calcite - CaCO3



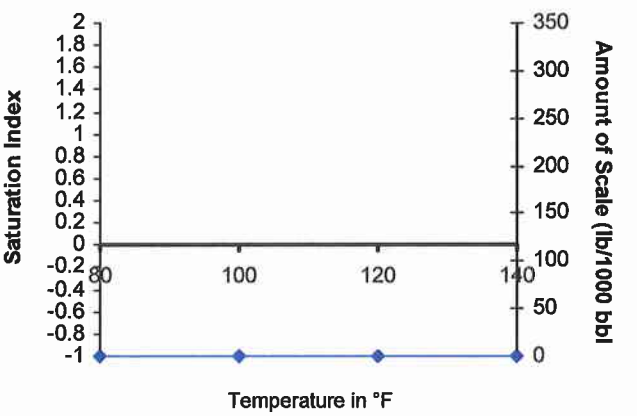
Barite - BaSO4



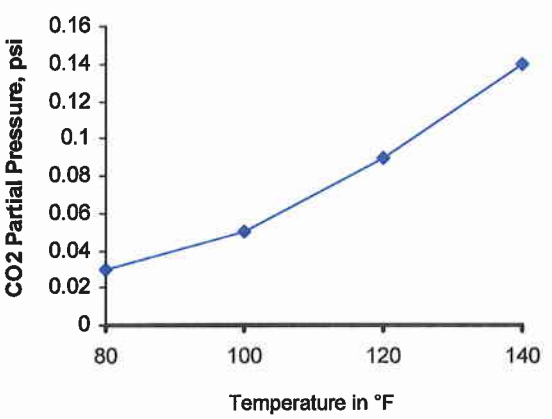
Gypsum - CaSO4*2H20



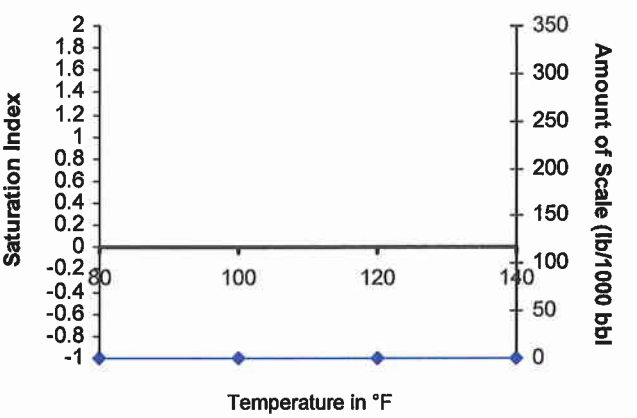
Anhydrite - CaSO4



Carbon Dioxide Partial Pressure



Celestite - SrSO4



A Hachment F
3 of 4

West Coast Region
5125 Boylan Street
Bakersfield, CA 83308
(661) 325-4138
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	409361
Lease/Platform:	SOUTH WELLS DRAW	Analysis ID #:	78571
Entity (or well #):	INJECTION SYSTEM	Analysis Cost:	$80.00
Formation:	UNKNOWN		
Sample Point:	TRIPLEX SUCTION		

Summary	
Sampling Date:	01/20/08
Analysis Date:	01/25/08
Analyst:	STACEY SMITH
TDS (mg/l or g/m3):	4924.9
Density (g/cm3, tonne/m3):	1.003
Anion/Cation Ratio:	1.0000001
Carbon Dioxide:	
Oxygen:	
Comments:	

Analysis of Sample 409361 @ 75 °F

Anions	mg/l	meq/l
Chloride:	**2313.0**	**65.24**
Bicarbonate:	**678.0**	**11.11**
Carbonate:	**0.0**	**0.**
Sulfate:	**129.0**	**2.69**
Phosphate:		
Borate:		
Silicate:		
Hydrogen Sulfide:		
pH at time of sampling:		
pH at time of analysis:		8.13
pH used in Calculation:		**8.13**

Cations	mg/l	meq/l
Sodium:	**1726.0**	**75.08**
Magnesium:	**19.0**	**1.56**
Calcium:	**39.0**	**1.95**
Strontium:	**2.5**	**0.06**
Barium:	**7.0**	**0.1**
Iron:	**0.3**	**0.01**
Potassium:	11.0	0.28
Aluminum:		
Chromium:		
Copper:		
Lead:		
Manganese:	0.060	0.
Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite $CaCO_3$		Gypsum $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.72	14.65	-2.18	0.00	-2.25	0.00	-1.63	0.00	1.92	4.19	0.07
100	0	0.76	16.74	-2.19	0.00	-2.19	0.00	-1.61	0.00	1.78	4.19	0.1
120	0	0.81	19.18	-2.19	0.00	-2.11	0.00	-1.58	0.00	1.66	4.19	0.16
140	0	0.86	21.62	-2.18	0.00	-2.01	0.00	-1.54	0.00	1.57	4.19	0.24

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

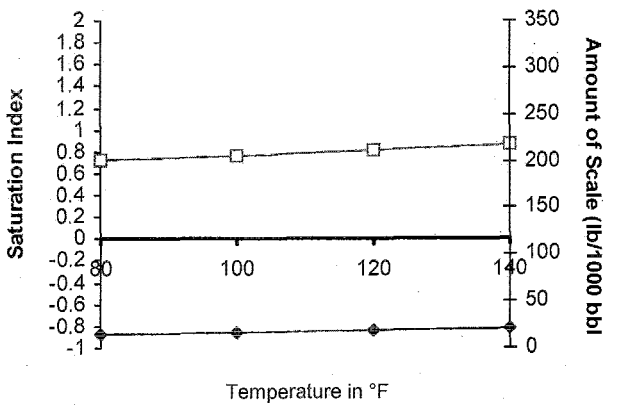
Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Attachment F
4 of 4

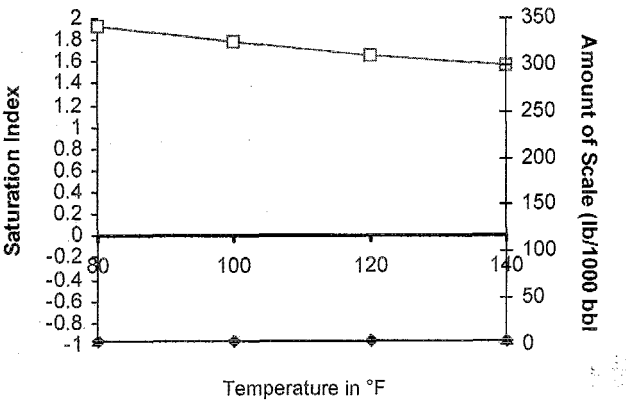
Scale Predictions from Baker Petrolite

Analysis of Sample 409361 @ 75 °F for NEWFIELD EXPLORATION, 01/25/08

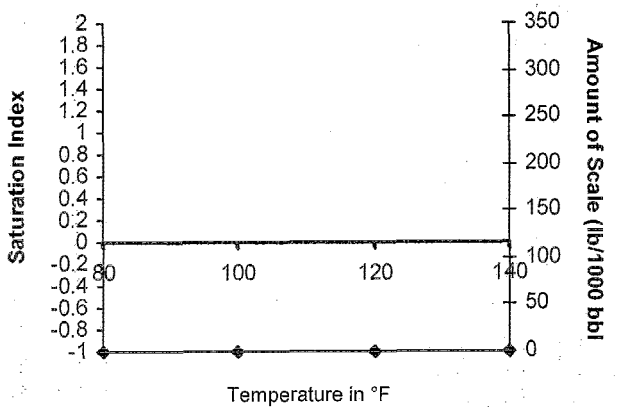
Calcite - CaCO3



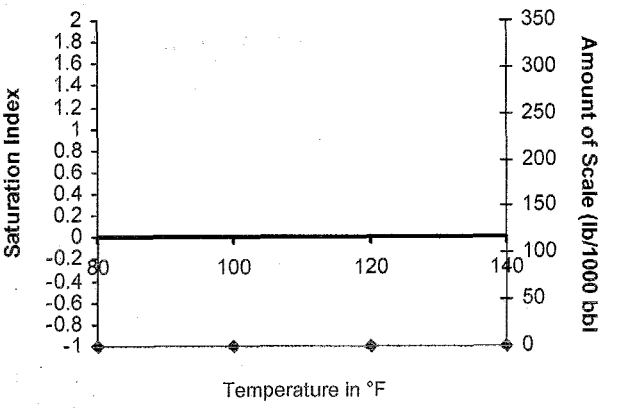
Barite - BaSO4



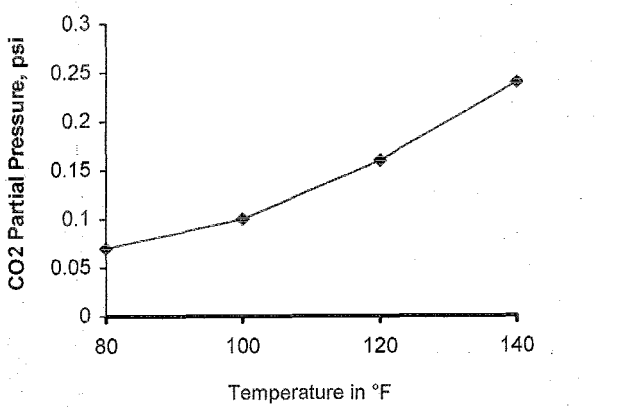
Gypsum - CaSO4*2H20



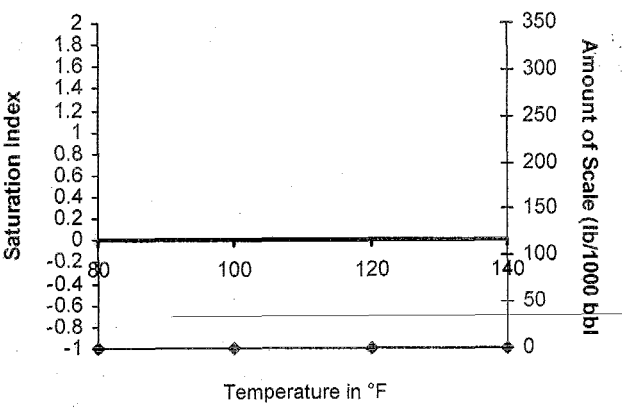
Anhydrite - CaSO4



Carbon Dioxide Partial Pressure



Celestite - SrSO4



Attachment "G"

Wells Draw Federal 24-33-8-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax	
6304	6309	6307	2000	0.75	1959	
6144	6154	6149	2000	0.76	1960	
5896	5914	5905	3800	1.08	3762	
5378	5394	5386	1600	0.73	1565	←
4934	5004	4969	1800	0.80	1768	
6000	6010	6005	1933	0.76	1894	
5827	5880	5854	2650	0.89	2612	
5378	5439	5408	1878	0.78	1843	
4430	4684	4557	2150	0.92	2121	
				Minimum	1565	

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Attachment 9-1
1 of 16

Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 **Report Date:** Feb. 15, 2003 **Day:** 01

Operation: Re-complete **Rig:** Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT:	17#	Csg PBTD:	6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	J-55	Pkr/EOT @:	5034'	BP/Sand PBTD:		6292'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4934-4964'	4/120	CP sds	6304-6309'	4/20
D2 sds	4992-5004'	4/48			
A2 sds	5378-5394'	4/64			
CP sds	5896-5900'	4/16			
CP sds	5902-5914'	4/48			
CP sds	6144-6154'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 14, 2003 **SITP:** 0 **SICP:** 0

MIRU Pool #820. RU HO trk to casing & pump 80 BW @ 250°F. Unseat rod pump. Flush tbg & rods W/ 80 BW @ 250°F. Had to work polished rod & pump pressure first 10 bbls. Re-seat pump, soft joint rod string & strip off flow T. Fill tbg W/ 5 BW. Pressure test tbg to 3500 psi. Retrieve rod string & unseat pump. TOH W/ rods--LD pump. ND wellhead. Release TA @ 4889'. NU BOP. TOH & talley 36 jts prod. tbg. SIFN W/ EOT @ 5034'. Est 165 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	0	Starting oil rec to date:	0
Fluid lost/recovered today:	165	Oil lost/recovered today:	0
Ending fluid to be recovered:	165	Cum oil recovered:	0

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

	AS PULLED
KB	15.00'
156	2 7/8 J-55 tbg (4874.41')
	TA @ 4889' KB
39	2 7/8 J-55 tbg (1236.16')
	SN @ 6128' KB
1	2 7/8 J-55 tbg (31.85')
	2 7/8 NC @ 6162' KB

ROD DETAIL

AS PULLED
1 1/2" X 22' polished rod
1-2' & 2-8' X 7/8" pony rods
69-7/8" scrapered rods
41-7/8" mixed rods
121-3/4" plain rods
6-3/4" scrapered rods
6-1 1/2" weight rods
2 1/2" X 1 1/2" RHAC pump

COSTS

Pool rig	$2,471
Weatherford BOP	$130
IPC water & truck	$400
IPC trucking	$800
Zubiate HO trk	$630
Randys pump repair	$1,000
Weatherford scraper	$300
Randys TA repair	$350
Tiger trking (frac tks)	$1,000
RNI wtr & truck	$400
IPC supervision	$300
DAILY COST:	$7,781
TOTAL WELL COST:	$7,781

Workover Supervisor: Gary Dietz

Attach. G-1
2 of 16

Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 **Report Date:** Feb. 16, 2003 **Day:** 02

Operation: Re-complete **Rig:** Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT:	17#	Csg PBTD:	6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	N-80	Pkr/EOT @:	5920'		BP/Sand PBTD:	6315'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4934-4964'	4/120	CP sds	6304-6309'	4/20
D2 sds	4992-5004'	4/48			
A2 sds	5378-5394'	4/64			
CP sds	5896-5900'	4/16			
CP sds	5902-5914'	4/48			
CP sds	6144-6154'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 15, 2003 **SITP:** 0 **SICP:** 0

Con't TOH & talley production tbg f/ 5034'. LD BHA. Talley, PU & TIH W/ 2 7/8 NC, 5 1/2" casing scraper & 2 7/8 8rd 6.5# N-80 tbg. Tagged fill @ 6242'. Establish rev circulation W/ 100 BW. C/O to 6315'--became very hard. Circ hole clean. Lost add'l 120 BW. TOH W/ tbg to 5920'. SIFN W/ est 385 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	165	Starting oil rec to date:	0
Fluid lost/recovered today:	220	Oil lost/recovered today:	0
Ending fluid to be recovered:	385	Cum oil recovered:	0

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

	TUBING DETAIL AS PULLED	ROD DETAIL AS PULLED
KB	15.00'	1 1/2" X 22' polished rod
156	2 7/8 J-55 tbg (4874.41')	1-2' & 2-8' X 7/8" pony rods
	TA @ 4889' KB	69-7/8" scrapered rods
39	2 7/8 J-55 tbg (1236.16')	41-7/8" mixed rods
	SN @ 6128' KB	121-3/4" plain rods
1	2 7/8 J-55 tbg (31.85')	6-3/4" scrapered rods
	2 7/8 NC @ 6162' KB	6-1 1/2" weight rods
		2 1/2" X 1 1/2" RHAC pump

COSTS	
Pool rig	$3,085
Weatherford BOP	$130
RNI wtr & truck	$400
IPC supervision	$300
DAILY COST:	$3,915
TOTAL WELL COST:	$11,696

Workover Supervisor: Gary Dietz

A Hurm. 9-1
3 of 16

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 **Report Date:** Feb. 18, 2003 **Day:** 03

Operation: Re-complete **Rig:** Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT: 17#	Csg PBTD: 6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	N-80	Pkr/EOT @:	5962'	BP/Sand PBTD: 6315'
									BP/Sand PBTD: 6050'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 17, 2003 **SITP:** 0 **SICP:** 0

Con't TOH W/ tbg f/ 5920'--LD NC & scraper. RU Patterson WLT & perf new intervals W/ 4" ported perf guns as follows: stage #1: CP3 sds @ 6000-10'; stage #2: CP1 sds @ 5857-60' & 5875-80' and CP .5 sds @ 5827-32'; stage #3: A3 sds @ 5434-39'; stage #4: B .5 sds @ 5178-81' and C sds @ 5117-24' & 5128-32'; stage #5: PB10 sds @ 4674-84', GB6 sds @ 4469-75' & 4480-92' and GB4 sds @ 4430-34'. All 4 JSPF. Made 5 runs total including 1 misrun. RD WLT. TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & N-80 tbg. Set plug @ 4369'. Fill hole W/ 50 BW & test plug & casing to 3000 psi. Set pkr @ 4344' & test tools to 2000 psi. Release tools & con't TIH. Set plug @ 6050'. Set pkr elements @ 5962' (EOT @ 5972'). Fill & hold annulus full during frac (used 10 BW). RU Schlumberger Pumping Services to tbg and frac new CP3 sds (6000-10') W/ 22,894# 20/40 sand in 220 bbls YF 125 fluid. Perfs broke down @ 3906 psi. Treated @ ave press of 4580 psi W/ ave rate of 15.2 BPM. ISIP-1933 psi. W/ 5# sand on perf, pressure increase rapidly. Cut sand @ blender and able to flush completely. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 1 3/4 hrs & died. Rec 43 BTF (est 20% of frac load). SIFN W/ est 623 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	385	Starting oil rec to date:	0
Fluid lost/recovered today:	238	Oil lost/recovered today:	0
Ending fluid to be recovered:	623	Cum oil recovered:	0

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: YF 125 **Job Type:** Sand frac

Company: Schlumberger

Procedure or Equipment detail: CP3 sands

PUMPED DOWN 2 7/8 N-80 TUBING

2487 gals of pad

762 gals W/ 2 ppg of 20/40 sand

1056 gals W/ 3 ppg of 20/40 sand

1307 gals W/ 4 ppg of 20/40 sand

1657 gals W/ 5 ppg of 20/40 sand

962 gals W/ 6 ppg of 20/40 sand

Flush W/ 1444 gals of WF 110 fluid

SAND SCHEDULE WAS RAMPED

Max TP: 7716	Max Rate: 18.5 BPM	Total fluid pmpd:	220 bbls		
Avg TP: 4580	Avg Rate: 15.2 BPM	Total Prop pmpd:	22,894		
ISIP: 1933	5 min:	10 min:	FG: .76		

Completion Supervisor: Gary Dietz

COSTS

Pool rig	$2,703
Weatherford BOP	$130
Patterson perfs	$6,968
Weatherford tools/serv	$2,500
IPC trucking	$200
Betts frac wtr	$600
Zubiate HO trk (frac wtr)	$540
IPC supervision	$300
DAILY COST:	$13,941
TOTAL WELL COST:	$25,637

Altam. 4-1
4 of 16

Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 Report Date: Feb. 19, 2003 Day: 04

Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT:	17#	Csg PBTD:	6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	N-80	Pkr/EOT @:	5768'		BP/Sand PBTD:	6315'
										BP/Sand PBTD:	5890'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 18, 2003 SITP: 0 SICP: 0

Day 4(a):

Well on vacuum. Release pkr @ 5962'. TIH W/ tbg--tag sd @ 6010'. Fill hole & C/O sd to RBP @ 6050'. Circ hole clean & release plug. Lost est 50 BW. Pull tbg & tools uphole. Set plug @ 5890' & pkr elements @ 5768' (EOT @ 5778'). Fill & hold annulus full during frac (used 10 BW). RU Schlumberger Pumping Services to tbg and frac new CP .5/CP1 sds (5827' through 5880') W/ 50,132# 20/40 sand in 436 bbls YF 125 fluid. Perfs broke down @ 2760 psi. Treated @ ave press of 4007 psi W/ ave rate of 16.5 BPM. ISIP-2650 psi. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 1 1/2 hrs & died. Rec 34 BTF (est 8% of frac load). Fill & pressure up on annulus to 500 psi. Open bypass on pkr & rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 5860'. C/O sd to RBP @ 5890'. Circ hole clean. Lost est 35 BW. Release plug. Est 1120 BWTR.

See day 4(b)

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	623	Starting oil rec to date:	0
Fluid lost/recovered today:	497	Oil lost/recovered today:	0
Ending fluid to be recovered:	1120	Cum oil recovered:	0
IFL:	FFL:	FTP:	Choke: 12/64
Final Fluid Rate:		Final oil cut:	

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac

Company: Schlumberger

Procedure or Equipment detail: CP .5 & CP1 sands

PUMPED DOWN 2 7/8 N-80 TUBING

4986 gals of pad

1514 gals W/ 2 ppg of 20/40 sand

2106 gals W/ 3 ppg of 20/40 sand

2609 gals W/ 4 ppg of 20/40 sand

3308 gals W/ 5 ppg of 20/40 sand

2387 gals W/ 6 ppg of 20/40 sand

Flush W/ 1405 gals of WF 110 fluid

SAND SCHEDULE WAS RAMPED

Max TP: 5682 Max Rate: 18.5 BPM Total fluid pmpd: 436 bbls

Avg TP: 4007 Avg Rate: 16.5 BPM Total Prop pmpd: 50,132#

ISIP: 2650 5 min: 10 min: FG: .89

Completion Supervisor: Gary Dietz

COSTS

Pool rig	$872
Weatherford BOP	$130
Weatherford service	$550
Betts frac wtr	$600
Zubiate HO trk (frac wtr)	$540
IPC frac valve (X2)	$600
IPC supervision	$100
DAILY COST:	$3,392
TOTAL WELL COST:	$29,029

Attach. 4-1
5 of 16

Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 **Report Date:** Feb. 19, 2003 **Day:** 04

Operation: Re-complete **Rig:** Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT: 17#	Csg PBTD: 6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	N-80	Pkr/EOT @:	5412'	BP/Sand PBTD: 6315'
									BP/Sand PBTD: 5500'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 18, 2003 **SITP:** 0 **SICP:** 0

Day 4(b):

Pull tbg & tools uphole. Set plug @ 5500' & pkr elements @ 5412' (EOT @ 5424'). Fill & hold annulus full during frac (used 5 BW). RU Schlumberger Pumping Services to tbg to frac new A3 sds (5434-39') Pumped 6,942# 20/40 sand in 115 bbls YF 125 fluid. Perfs broke down @ 6091 psi. Treated @ ave press of 4557 psi W/ ave rate of 15.4 BPM. W/ 3# sand on perfs, frac communicated to upper perfs. Stop job W/ est 3,586# sd in formation & 3,356# left in tbg/casing. Bleed tbg off (W/O chokes) & rec est 10 bbls sd slurry. Fill & pressure up on annulus to 500 psi. Work pkr loose & rev circ tbg clean. Lost est 30 BW. Est 1255 BWTR.

See day 4(c)

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	1120	Starting oil rec to date:	0
Fluid lost/recovered today:	135	Oil lost/recovered today:	0
Ending fluid to be recovered:	1255	Cum oil recovered:	0

IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: YF 125 **Job Type:** Sand frac

Company: Schlumberger

Procedure or Equipment detail: A3 sands

PUMPED DOWN 2 7/8 N-80 TUBING

1987 gals of pad

1017 gals W/ 2 ppg of 20/40 sand

804 gals W/ 3 ppg of 20/40 sand

1024 gals W/ 4 ppg of 20/40 sand

Communicated W/ upper perfs. Est 3,586# sd in perfs, 3,356# sd in pipe

SAND SCHEDULE WAS RAMPED

Max TP: 6567	Max Rate: 19.9 BPM	Total fluid pmpd:	115 bbls		
Avg TP: 4557	Avg Rate: 15.4 BPM	Total Prop pmpd:	6,942#		
ISIP: NA	5 min:	10 min:	FG: NA		

Completion Supervisor: Gary Dietz

COSTS

Pool rig	$872
Betts frac wtr	$350
Zubiate HO trk (frac wtr)	$270
IPC frac valve	$300
IPC supervision	$100
DAILY COST:	$1,892
TOTAL WELL COST:	$30,921

Attach. 4-1
6 of 16

Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 **Report Date:** Feb. 19, 2003 **Day:** 04

Operation: Re-complete **Rig:** Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT: 17#	Csg PBTD: 6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	N-80	Pkr/EOT @:	5283'	BP/Sand PBTD: 6315'
									BP/Sand PBTD: 5500'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 18, 2003 **SITP:** 0 **SICP:** 0

Day 4(c):
RBP @ 5500'. Pull pkr up hole & re-set elements @ 5283' (EOT @ 5293'). Fill & hold annulus full during frac (used 5 BW). RU Schlumberger Pumping Services to tbg and frac new A3 & existing A2 sds (5374' through 5439') W/ 14,438# 20/40 sand in 153 bbls YF 125 fluid. Saw new definitive breakdown. Treated @ ave press of 3277 psi W/ ave rate of 15.6 BPM. ISIP-1878 psi. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 1 hr & died. Rec 23 BTF (est 15% of frac load). SIFN W/ est 1390 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	1255	Starting oil rec to date:	0
Fluid lost/recovered today:	135	Oil lost/recovered today:	0
Ending fluid to be recovered:	1390	Cum oil recovered:	0

IFL: _____ FFL: _____ FTP: _____ Choke: 12/64 Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: YF 125 **Job Type:** Sand frac

Company: Schlumberger

Procedure or Equipment detail: Existing A2 & new A3 sands

PUMPED DOWN 2 7/8 N-80 TUBING

1487 gals of pad
510 gals W/ 2 ppg of 20/40 sand
505 gals W/ 3 ppg of 20/40 sand
757 gals W/ 4 ppg of 20/40 sand
1007 gals W/ 5 ppg of 20/40 sand
858 gals W/ 6 ppg of 20/40 sand
Flush W/ 1302 gals of WF 110 fluid

SAND SCHEDULE WAS RAMPED

Max TP: 4988	Max Rate: 18.5 BPM	Total fluid pmpd:	153 bbls		
Avg TP: 3277	Avg Rate: 15.6 BPM	Total Prop pmpd:	14,438#		
ISIP: 1878	5 min:	10 min:	FG: .78		

Completion Supervisor: Gary Dietz

COSTS

Pool rig	$872
Betts frac wtr	$300
Zubiate HO trk (frac wtr)	$270
Zubiate HO trk (thaw)	$115
IPC frac valve	$300
RNI wtr & truck	$400
IPC supervision	$100
DAILY COST:	$2,357
TOTAL WELL COST:	$33,278

Attm. 9-1
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Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 Report Date: Feb. 20, 2003 Day: 05

Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT:	17#	Csg PBTD:	6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	N-80	Pkr/EOT @:	4740'		BP/Sand PBTD:	6315'
										BP/Sand PBTD:	5230'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 18, 2003 SITP: 0 SICP: 0

Thaw tbg stump W/ HO trk. No pressure on tbg. Csg on vacuum. Release pkr. TIH W/ pkr & tbg. Tag sd @ 5379'. C/O sd to RBP @ 5500'. Circ hole clean. Lost est 60 BW. Release plug. Pull tbg & tools uphole. Set plug @ 5230' & pkr elements @ 5212' (EOT @ 5222'). Fill & hold annulus full during frac (used 5 BW). RU Schlumberger Pumping Services and frac C & B .5 sds (5117' through 5181') W/ 27,895# 20/40 sand in 252 bbls YF 125 fluid. Perfs broke down @ 2488 psi. Treated @ ave press of 3075 psi W/ ave rate of 16 BPM. 14 bbls into flush frac screened out W/ 5.9# sd on perf. Experienced apparent tbg rupture (lost tbg pressure and gained on annulus). RD Schlumberger. Bleed off tbg & pump on annulus. Circulated back sd slurry W/ 40 bbl pit gain. Getting clean returns. Unable to work pkr loose. Shut in tbg & pump on annulus @ 1200 psi. Began working tbg to 110K. Still no travel in pkr. RIH W/ sandline & tag top of pkr @ 5037'. RU Weatherford WLT & run freepoint tool. Found tbg clear inside pkr, 30% free @ 4890' & 100% free @ 4860' (approx. 170' sd fillup outside tbg). Chemically cutoff tbg @ 4864'. RD WLT. LD tbg subs & 3 jts. SIFN W/ EOT @ 4740'. Est 1667 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	1390	Starting oil rec to date:	0
Fluid lost/recovered today:	277	Oil lost/recovered today:	0
Ending fluid to be recovered:	1667	Cum oil recovered:	0
IFL:	FFL:	FTP:	Choke:
		Final Fluid Rate:	Final oil cut:

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac

Company: Schlumberger

Procedure or Equipment detail: C & B .5 sands

PUMPED DOWN 2 7/8 N-80 TUBING

2981 gals of pad

1456 gals W/ 2 ppg of 20/40 sand

1207 gals W/ 3 ppg of 20/40 sand

1456 gals W/ 4 ppg of 20/40 sand

1805 gals W/ 5 ppg of 20/40 sand

1112 gals W/ 6 ppg of 20/40 sand

Flush W/ 587 gals of WF 110 fluid (711 gals short of top perf)

Screened out W/ 5.9# sd on perf. Est 24,989# in perfs, 2,906# left in pipe

Max TP: 8500 Max Rate: 19.4 BPM Total fluid pmpd: 252 bbls

Avg TP: 3075 Avg Rate: 16 BPM Total Prop pmpd: 27,895#

ISIP: NA 5 min: 10 min: FG: NA

Completion Supervisor: Gary Dietz

COSTS

Pool rig	$3,059
Betts frac wtr	$750
Zubiate HO trk (frac wtr)	$800
Zubiate HO trk (thaw)	$115
IPC frac valve	$300
Weatherford BOP	$130
Weatherford service	$550
IPC frac valve	$300
Schlumberger(4 fracs)	$45,532
Weatherford WLT	$5,514
IPC supervision	$300
DAILY COST:	$57,350
TOTAL WELL COST:	$90,628

Attach 9-1
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Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 Report Date: Feb. 21, 2003 Day: 06

Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT:	17#	Csg PBTD:	6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	N-80	Pkr/EOT @:	4740'		BP/Sand PBTD:	6315'
										BP/Sand PBTD:	5230'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 20, 2003 SITP: 0 SICP: 0

Open well. Well was flowing. Cric hole clean. TOH w/ 146 jt's & 23.43' chemically cutoff tbg. Found split in jt # 143. Fish left in hole (8.78' chemically cutoff 2 7/8" N-80 stub, 5 jt's & " HD" packer. Total fish length 172'. PU & TIH W/ 4 3/4" x 3 7/8" wash over shoe, 6 jts 4 1/2" washover pipe, Top sub, x-over sub & 144 jts N-80 tbg. Tag fish top @ 4864'. Cric hole clean. Wash over fish down to packer @ 5037'. Cric hole clean. Pull EOT to 4320' SWIFN. 1717 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	1667	Starting oil rec to date:	0
Fluid lost/recovered today:	50	Oil lost/recovered today:	0
Ending fluid to be recovered:	1717	Cum oil recovered:	0

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Pool rig	$3,148
Four star fishing tools	$3,000
Weatherford BOP	$130
IPC supervision	$300
DAILY COST:	$6,578
TOTAL WELL COST:	$97,206

Workover Supervisor: Ray Herrera

Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 Report Date: Feb. 22, 2003 Day: 07

Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT:	17#	Csg PBTD:	6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	N-80	Pkr/EOT @:	4740'		BP/Sand PBTD:	6315'
										BP/Sand PBTD:	5230'

PERFORMATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 21, 2003 SITP: 0 SICP: 0

TIH W/ 23 jt's N-80 tbg & 6 jt's washover pipe. Tag sand @ 5036' (1' fill on top of packer). Circ hole clean. TOH W/ tbg & washover pipe. TIH W/ 4 1/2" overshot w/ 2 7/8" grapple, bumper sub, jars & 150 jt's N-80 tbg. Tag fish top @ 4864'. Atempt to latch onto fish unable to latch onto fish. TOH overshot showed fish top was flaired. TIH w/ 41 jt's tbg for Kill string. SWIFN. Est 1767 BWTR. EOT @ 1350'.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	1717	Starting oil rec to date:	0
Fluid lost/recovered today:	50	Oil lost/recovered today:	0
Ending fluid to be recovered:	1767	Cum oil recovered:	0

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Pool rig	$2,225
Four star fishing tools	$3,000
Weatherford BOP	$130
IPC supervision	$300
Kristy's light towers	$426
RNI water truck	$300
DAILY COST:	$6,381
TOTAL WELL COST:	$103,587

Workover Supervisor: Ray Herrera

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RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 Report Date: Feb. 23, 2003 Day: 08

Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT:	17#	Csg PBTD:	6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	N-80	Pkr/EOT @:			BP/Sand PBTD:	6315'
										BP/Sand PBTD:	5230'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 22, 2003 SITP: 0 SICP: 0

TOH W/ 41jt's N-80 tbg. PU & TIH W/ 4 1/2" overshot w/ cutright & 2 7/8" grapple, bumper sub, jars, x-o sub & 150 jts N-80 tbg. Tag fish top @ 4864'. Dressed off fish top & latch onto fish. Release packer & TOH. LD fish & fishing tools. PU RH & TIH W/ 41 jt's N-80 tbg. SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	1767	Starting oil rec to date:	0
Fluid lost/recovered today:	0	Oil lost/recovered today:	0
Ending fluid to be recovered:	1767	Cum oil recovered:	0

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Pool rig	$1,691
Four star fishing tools	$2,348
Weatherford BOP	$130
IPC supervision	$300
DAILY COST:	$4,469
TOTAL WELL COST:	$108,056

Workover Supervisor: Ray Herrera

Attach. 4-1
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Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 Report Date: Feb. 25, 2003 Day: 09

Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 310' Prod Csg: 5 1/2 @ 6410' WT: 17# Csg PBTD: 6329'

Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 0 BP/Sand PBTD: 6315'

BP/Sand PBTD: 4740'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 24, 2003 SITP: 0 SICP: 0

Con't TIH W/ RH & tbg f/ 1350'. Tag sd @ 5165'. C/O sd to RBP @ 5230'. Circ hole clean. Lost est 130 BW & rec approx. 50 BO. Release plug. Pull up & re-set plug @ 4740'. TOH W/ tbg & RH. Clean flat tank. SIFN W/ est 1897 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1767 Starting oil rec to date: 0

Fluid lost/recovered today: 130 Oil lost/recovered today: 50

Ending fluid to be recovered: 1897 Cum oil recovered: 50

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Gary Dietz

COSTS

Pool rig	$2,301
Weatherford BOP	$130
Weatherford service	$550
Zubiate HO trk	$705
RNI wtr disposal	$400
IPC supervision	$300
DAILY COST:	$4,386
TOTAL WELL COST:	$112,442

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Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 **Report Date:** Feb. 27, 2003 **Day:** 10

Operation: Re-complete **Rig:** Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT: 17#	Csg PBTD: 6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	N-80	Pkr/EOT @:	4371'	BP/Sand PBTD: 6315'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 26, 2003 **SITP:** 0 **SICP:** 0

RU HO trk & pump 5 BW dn casing @ 250°F. Steam parrafin from BOP. NU isolation tool. RU Schlumberger Pumping Services and frac GB/PB sds (4430' through 4684') W/ 60,274# 20/40 sand in 661 bbls YF 125 fluid. Perfs broke down @ 967 psi. Treated @ ave press of 1959 psi W/ ave rate of 22.5 BPM. ISIP-2150 psi. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 4 1/2 hrs & died. Rec 218 BTF (est 33% of frac load). ND isolation tool. TIH W/ RH & N-80 tbg. Tbg displaced 11 BW on TIH. Tag sd @ 4688'. C/O sd to RBP @ 4740'. Circ hole clean W/ no fluid loss. Release plug. TOH & LD 12 jts tbg. SIFN W/ EOT @ 4371'. Est 2334 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	1897	Starting oil rec to date:	0
Fluid lost/recovered today:	437	Oil lost/recovered today:	50
Ending fluid to be recovered:	2334	Cum oil recovered:	50
IFL:	FFL:	FTP:	Choke: 12/64
Final Fluid Rate:		Final oil cut:	

STIMULATION DETAIL

Base Fluid used: YF 125 **Job Type:** Sand frac

Company: Schlumberger

Procedure or Equipment detail: GB4, GB6 and PB11 sands

PUMPED DOWN 5 1/2" 17# CASING

7484 gals of pad

3811 gals W/ 2 ppg of 20/40 sand

3009 gals W/ 3 ppg of 20/40 sand

3659 gals W/ 4 ppg of 20/40 sand

4511 gals W/ 5 ppg of 20/40 sand

1063 gals W/ 6 ppg of 20/40 sand

Flush W/ 4206 gals of WF 110 fluid

SAND SCHEDULE WAS RAMPED

Max TP: 2413	Max Rate: 25.2 BPM	Total fluid pmpd: 661 bbls			
Avg TP: 1959	Avg Rate: 22.5 BPM	Total Prop pmpd: 60,274#			
ISIP: 2150	5 min:	10 min:	FG: .91		

Completion Supervisor: Gary Dietz

COSTS

Pool rig	$2,792
Weatherford BOP	$130
Schlumberger-GB/PB	$27,967
Zubiate HO trk (frac wtr)	$2,000
Betts frac wtr	$1,000
Zubiate thaw/steam	$200
Tiger tks (5X14 days)	$2,800
IPC trucking	$300
IPC supervision	$300
DAILY COST:	$37,489
TOTAL WELL COST:	$149,931

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DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 **Report Date:** Feb. 28, 2003 **Day:** 11

Operation: Re-complete **Rig:** Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT:	17#	Csg PBTD:	6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	J-55	Pkr/EOT @:	6126'		BP/Sand PBTD:	6252'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 27, 2003 **SITP:** 0 **SICP:** 0

Con't TOH & LD frac tbg f/ 4371'. TIH W/ frac tbg f/ derrick. TOH & LD tbg. TIH W/ NC & J-55 production tbg. Tag sd @ 6252' (63' new fill). Pull EOT to 6126'. SIFN W/ est 2334 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2334	Starting oil rec to date:	50
Fluid lost/recovered today:	0	Oil lost/recovered today:	0
Ending fluid to be recovered:	2334	Cum oil recovered:	50

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Gary Dietz

COSTS

Pool rig	$2,426
Weatherford BOP	$130
IPC trucking	$200
IPC frac tbg (10 days)	$4,630
Tbg sub	$100
RNI wtr transfer	$400
IPC supervision	$300
DAILY COST:	$8,186
TOTAL WELL COST:	$158,117

Attach. 9-1
14 of 16

Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 **Report Date:** Mar. 1, 2003 **Day:** 12

Operation: Re-complete **Rig:** Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT:	17#	Csg PBTD:	6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	J-55	Pkr/EOT @:	6126'	BP/Sand PBTD:		6252'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 28, 2003 **SITP:** 0 **SICP:** 0

RU HO trk to tbg and flush W/ 40 BW @ 250°F. RU swab equipment. IFL @ 950'. Unable to get cups through tbg. Pump cup down W/ HO trk. Still unable to get swab cups down. RIH W/ wax knife W/ HO trk flushing tbg. Made 2 passes W/ knife, but still unable to get swab cups down. Pump 75 BW dn casing @ 230°F while running cup. Able to swab consecutive runs. HO trk pumped total of 215 BW to clear tbg (no returns). Swab totals: IFL 950'. 20 swab runs rec 183 BTF (est 160 BW & 23 BO) W/ light gas & lg tr sd @ end. FFL @ 2200'. FOC @ 20%. SIFN W/ est 2389 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2334	Starting oil rec to date:	50
Fluid lost/recovered today:	55	Oil lost/recovered today:	23
Ending fluid to be recovered:	2389	Cum oil recovered:	72
IFL: 950' FFL: 2200' FTP:		Choke:	Final Fluid Rate: Final oil cut: 20%

TUBING DETAIL	ROD DETAIL

COSTS	
Pool rig	$2,536
Weatherford BOP	$130
Zubiate HO trk	$842
IPC supervision	$300
DAILY COST:	$3,808
TOTAL WELL COST:	$161,925

Workover Supervisor: Gary Dietz

Attach. 4-1
15 of 16

Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 **Report Date:** Mar. 2, 2003 **Day:** 13

Operation: Re-complete **Rig:** Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT:	17#	Csg PBTD:	6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	J-55	Pkr/EOT @:	4308'		BP/Sand PBTD:	6329'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Mar. 1, 2003 **SITP:** 0 **SICP:** 0

RU HO trk to tbg and flush W/ 40 BW @ 250°F. RU swab equipment. Con't swabbing well for cleanup. IFL @ 1300'. Made 16 swab runs rec 132 BTF (est 110 BW & 22 BO) W/ light gas & no sand. FOC @ 40%. FFL @ 1900'. TIH W/ tbg. Tag fill @ 6248' (4' new fill). C/O sd to 6315'. Circ hole clean. Lost 220 BW & rec add'l 25 BO. TOH W/ tbg & NC to 4308'. SIFN W/ est 2499 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2389	Starting oil rec to date:	72
Fluid lost/recovered today:	110	Oil lost/recovered today:	47
Ending fluid to be recovered:	2499	Cum oil recovered:	119
IFL: 1300' FFL: 1900' FTP:		Choke:	Final Fluid Rate: Final oil cut: 40%

TUBING DETAIL	ROD DETAIL

COSTS	
Pool rig	$2,723
Weatherford BOP	$130
Zubiate HO trk	$302
IPC wtr & truck	$300
RNI wtr disposal	$200
IPC supervision	$300
DAILY COST:	$3,955
TOTAL WELL COST:	$165,880

Workover Supervisor: Gary Dietz

Attm. G-1
16 of 16

Inland RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 24-33B-8-16 **Report Date:** Mar. 4, 2003 **Day:** 14

Operation: Re-complete **Rig:** Pool #820

WELL STATUS

Surf Csg:	9 5/8	@	310'	Prod Csg:	5 1/2	@	6410'	WT: 17#	Csg PBTD: 6329'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	J-55	Anchor @:	6100'	BP/Sand PBTD: 6329'

PERFORATION RECORD

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB4 sds	NEW	4430-4434'	4/16	A3 sds	NEW	5434-5439'	4/20
GB6 sds	NEW	4469-4475'	4/24	CP .5 sds	NEW	5827-5832'	4/20
GB6 sds	NEW	4480-4492'	4/48	CP1 sds	NEW	5857-5860'	4/12
PB10 sds	NEW	4674-4684'	4/40	CP1 sds	NEW	5875-5880'	4/20
D1 sds		4934-4964'	4/120	CP sds		5896-5900'	4/16
D2 sds		4992-5004'	4/48	CP sds		5902-5914'	4/48
C sds	NEW	5117-5124'	4/28	CP3 sds	NEW	6000-6010'	4/40
C sds	NEW	5128-5132'	4/16	CP sds		6144-6154'	4/40
B .5 sds	NEW	5178-5181'	4/12	CP sds		6304-6309'	4/20
A2 sds		5378-5394'	4/64				

CHRONOLOGICAL OPERATIONS

Date Work Performed: Mar. 3, 2003 **SITP:** 0 **SICP:** 0

Con't TOH W/ tbg & NC f/ 4308'. Well blew in. Rev circ oil & gas f/ well. Lost 120 BW. Finish TOH W/ tbg--LD NC. TIH W/ revised BHA & production tbg as follows: 2 7/8 NC, 1 jt tbg, new SN, 1 jt tbg, repaired Randys' 5 1/2" TA (45K) & 194 jts 2 7/8 8rd 6.5# J-55 tbg. Btm 5 jts above SN are used/inspected tbg. ND BOP. Set TA @ 6100' W/ SN @ 6134' & EOT @ 6167'. Land tbg W/ 14,000# tension. NU wellhead. TIH W/ pump & revised rod string as follows: repaired Randys' 2 1/2" X 1 1/2" X 16' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scrapered rods (added 4 A grade @ top), 118-3/4" plain rods, 41-7/8" mixed rods, 68-7/8" scrapered rods, 1-2', 1-4' & 2-8' X 7/8" pony rods & 1 1/2" X 22' polished rod (replaced W/ B grade). Seat pump & RU pumping unit. Fill tbg W/ 8 BW. Pressure test pump & tbg to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. Chg to RDMOSU. Est 2627 BWTR.

Place well on production @ 6:30 PM 3/3/2003 W/ 82" SL @ 7 SPM.

FINAL REPORT!!

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2499	Starting oil rec to date:	119
Fluid lost/recovered today:	128	Oil lost/recovered today:	0
Ending fluid to be recovered:	2627	Cum oil recovered:	119
IFL:	FFL:	FTP:	Choke:
Final Fluid Rate:		Final oil cut:	

	TUBING DETAIL	ROD DETAIL
KB	15.00'	1 1/2" X 22' polished rod
194	2 7/8 J-55 tbg (6084.95')	1-2', 1-4', 2-8' X 7/8" pony rods
	TA (2.75' @ 6099.95' KB)	68-7/8" scrapered rods
1	2 7/8 J-55 tbg (31.37')	41-7/8" mixed rods
	SN (1.10' @ 6134.07' KB)	118-3/4" plain rods
1	2 7/8 J-55 tbg (31.85')	10-3/4" scrapered rods
	2 7/8 NC (.40')	6-1 1/2" weight rods
EOT	6167.42' W/ 15' KB	Randys 2 1/2" X 1 1/2" X 16'
		RHAC pump W/ SM plunger

COSTS

Pool rig	$3,217
Weatherford BOP	$130
Zubiate HO trk	$1,400
5 jts B grade tbg	$450
Additional rods	$500
RNI wtr disposal	$400
Mt. West sanitation	$400
IPC swab tks (2X14)	$1,120
IPC location cleanup	$300
IPC trucking	$200
IPC supervision	$300
DAILY COST:	$8,417
TOTAL WELL COST:	$174,297

Workover Supervisor: Gary Dietz

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4395'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.		Perforate 2 JSPF @ 2200'
4.		Set CICR @ 2150'
5.	Plug #2	Trona/Birds Nest (200' plug w/0' excess) with 36 sx Class "G" cement below CICR and 17 sx Class "G" cement above CICR.
6.		Perforate 4 JSPF @ 360'
7.	Plug #3	Circulate 115 sx Class "G" cement down the 5-1/2" casing and up the 5-1/2" x 9-5/8" annulus

The approximate cost to plug and abandon this well is $35,401.

Attachment H-1

Federal #24-33B-8-16

Spud Date: 8-15-88
Put on Production: 10-9-88
GL: 5715' KB: 5730'

Initial Production: 37 BOPD, 0 MCFD
0 BWPD

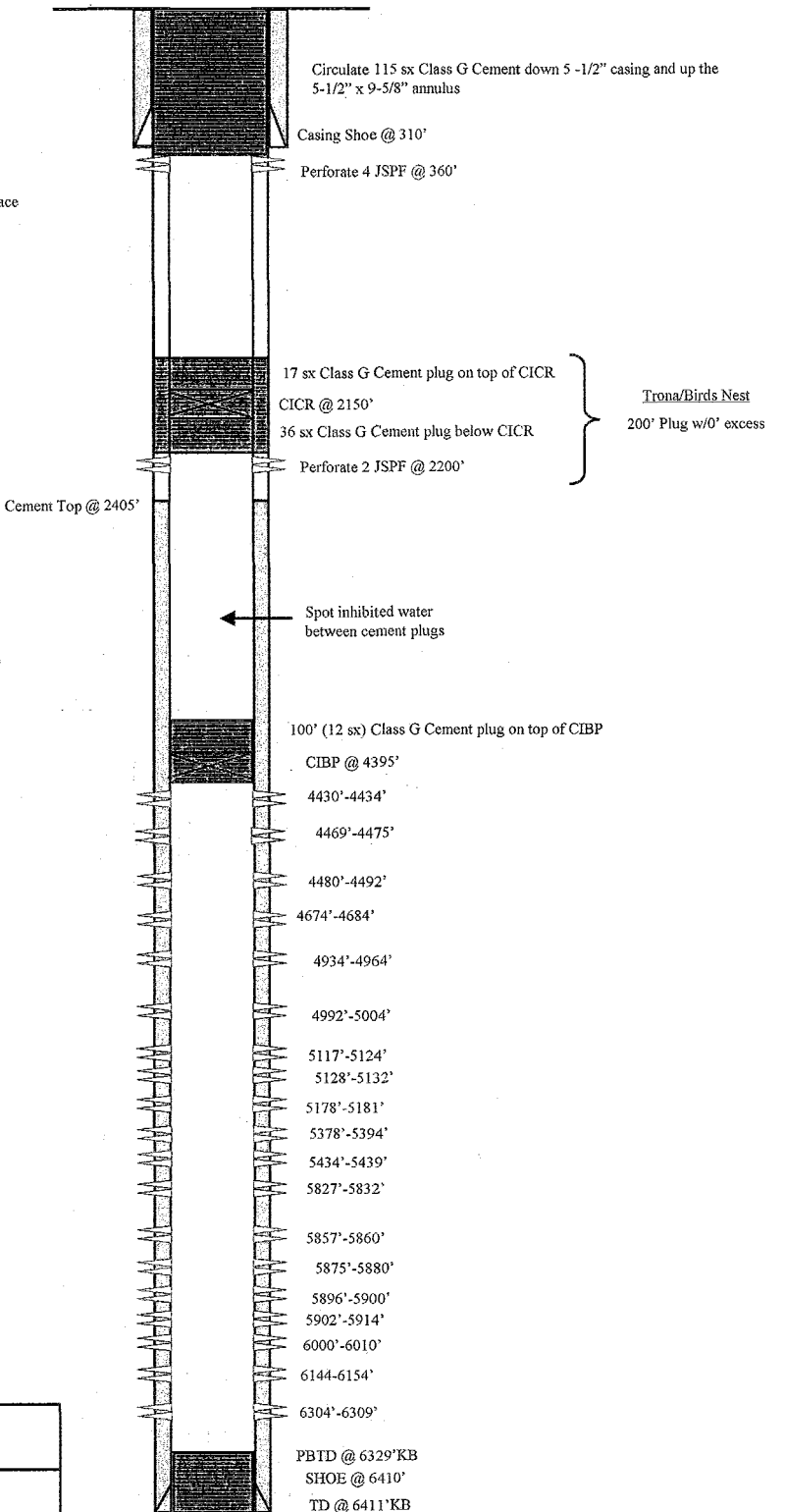
Proposed P & A
Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: L-80, N-80
WEIGHT: 47#, 53.5#
LENGTH: 7 JTS (295.8')
DEPTH LANDED: 310'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 skx Class "G"cmt, est ? bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / K-55
LENGTH: 5564'
CSG SIZE: 5-1/2" / 17# / N-80
LENGTH: 5564' - 6410'
SET AT: 6410'KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 125 sks Hi-Lift & 500 Class "G" cement.
CEMENT TOP AT: 2405'



NEWFIELD

Federal #24-33B-8-16
2103 FWL & 330 FSL
SE/SW Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-31214; Lease #UTU-49092

JM 2/27/2008

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
USA UTU-49092

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
WELLS DRAW UNIT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FEDERAL 24-33B

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301331214

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
330 FSL 2103 FWL
SESW Section 33 T8S R16E

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☒ Convert to	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

RECEIVED
MAR 11 2008
DIV. OF OIL, GAS &

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Eric Sundberg

Title
Regulatory Analyst

Signature

Date
3/7/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

JON M. HUNTSMAN, JR.
Governor
GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

April 30, 2008

Newfield Production Company
1401 17th Street, Suite 1000
Denver, Colorado 80202

Re: Wells Draw Unit Well: Wells Draw Federal 24-33-8-16, Section 33, Township 8 South, Range 16 East, Duchesne County, Utah

Mr. Eric Sundberg,

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.

3. A casing\tubing pressure test shall be conducted prior to commencing injection.

The Division will issue an Underground Injection Control Permit after the above stipulations have been meet. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Newfield Production Company, Myton
SITLA
Duchesne County
Well File

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** Wells Draw Federal 24-33-8-16

Location: 33/8S/16E **API:** 43-013-31214

Ownership Issues: The proposed well is located on Federal land. The well is located in the Wells Draw Unit. Lands in the one-half mile radius of the well are administered by the BLM and State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Wells Draw Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 310 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,410 feet. A cement bond log demonstrates adequate bond in this well up to 3,906 feet. A 2 7/8 inch tubing with a packer will be set at 4,445 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells, 4 injection wells and 2 shut-in wells in the area of review. All of the wells have evidence of adequate casing and cement. No other corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is approximately 670 feet. Injection shall be the interval between 4,509 feet and 6,232 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 24-33-8-16 well is .73 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,565 psig. The requested maximum pressure is 1,565 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

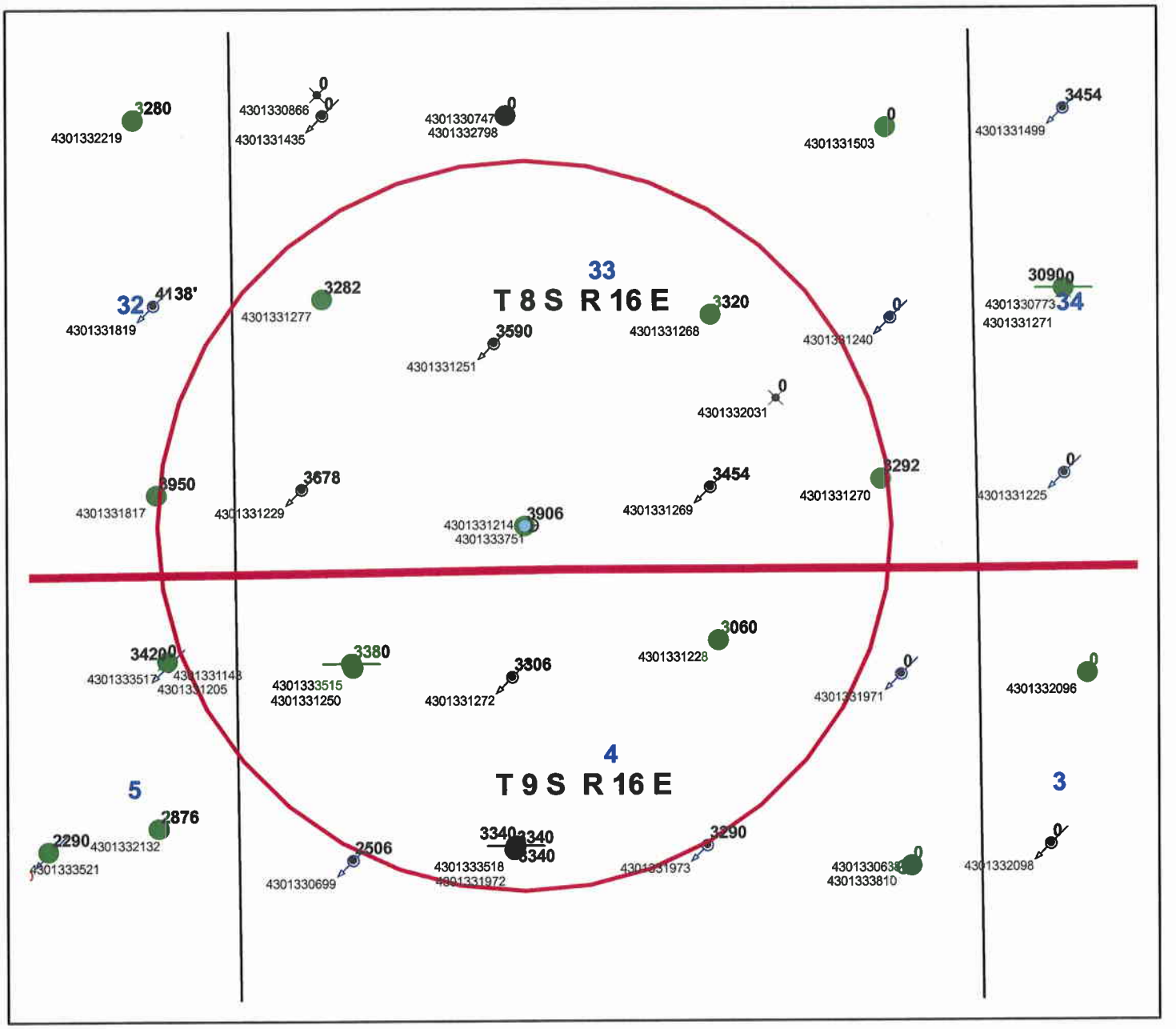
Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Wells Draw Unit December 1, 1993. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM.

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Clinton Dworshak Date 04/24/2008



Wells Draw Federal 24-33-8-16

Legend

wells point		POW	
WELLTYPE		SGW	
	GIW	SOW	
	GSW	TA	
	LA	TW	
	LOC	WDW	
	PA	WIW	
	PGW	WSW	

NOTICE OF AGENCY ACTION CAUSE NO. UIC 346

BEFORE THE DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of the Newfield Exploration Company for administrative approval of the Monument Butte 10-25-8-16 well, located in NW/4 Se/4 Section 25, Monument Butte 16-25-8-16 well, located SE/4 SE/4 in Section 25, Gavilan State 22-32-8-16 well, located in SE/4 NW/4 Section 32, State 33-32-8-16 well, located in NE/4 SE/4 Section 32, Wells Draw Federal 24-33-8-16 well, located in SE/4 SW/4 Section 33, Monument Butte 8-35-8-16 well, located in SE/4 NE/4 Section 35, Monument Butte 6-36-8-16 well, located in SE/4 NW/4 Section 36, Wells Draw 8-5-9-16 well, located in SE/4 NE/4 Section 5, Salt Lake Meridian, Duchesne, Utah, for conversion to a Class II injection well. These wells are located in the Monument Butte and Wells Draw Units respectively. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of March, 2008

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Gil Hunt

Associate Director

Published in the Uintah Basin Standard March 25, 2008.

NOTICE OF AGENCY ACTION
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
CAUSE NO. UIC 346

IN THE MATTER OF THE APPLICATION OF NEWFIELD EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MONUMENT BUTTE 10-25-8-16, MONUMENT BUTTE 16-25-8-16 WELLS LOCATED IN SECTION 25; GAVILAN STATE 22-32-8-16, STATE 33-32-8-16, WELLS LOCATED IN SECTION 32; WELLS DRAW FEDERAL 24-33-8-16 WELL LOCATED IN SECTION 33, MONUMENT BUTTER 8-35-8-16 WELL LOCATED IN SECTION 35, MONUMENT BUTTER 6-36-8-16 WELL LOCATED IN SECTION 36, TOWNSHIP 8 SOUTH, RANGE 16 EAST; WELLS DRAW 8-5-9-16 WELL LOCATED IN SECTION 5 TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of the Newfield Exploration Company for administrative approval of the Monument Butte 10-25-8-16 well, located in NW/4 Se/4 Section 25, Monument Butte 16-25-8-16 well, located SE/4 SE/4 in Section 25, Gavilan State 22-32-8-16 well, located in SE/4 NW/4 Section 32, State 33-32-8-16 well, located in NE/4 SE/4 Section 32, Wells Draw Federal 24-33-8-16 well, located in SE/4 SW/4 Section 33, Monument Butte 8-35-8-16 well, located in SE/4 NE/4 Section 35, Monument Butte 6-36-8-16 well, located in SE/4 NW/4 Section 36, Wells Draw 8-5-9-16 well, located in SE/4 NE/4 Section 5, Salt Lake Meridian, Duchesne, Utah, for conversion to a Class II injection well. These wells are located in the Monument Butte and Wells Draw Units respectively. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of March, 2008

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/ Gil Hunt
Associate Director

261164 UPAXLP

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-49092
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
WELLS DRAW UNIT
8. WELL NAME and NUMBER:
FEDERAL 24-33B
9. API NUMBER:
4301331214
10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 330 FSL 2103 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 33, T8S, R16E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[X] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
04/23/2009	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[ ] OTHER: -
	[X] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above listed well was converted from a producing oil well to an injection well on 4/23/09.
On 4/28/09 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 4/29/09. On 4/29/09 the csg was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was a State representative available to witness the test.
(Dennis Ingram)
API # 43013-31214

NAME (PLEASE PRINT) Callie Ross TITLE Production Clerk

SIGNATURE Callie Ross DATE 05/01/2009

(This space for State use only)

RECEIVED
MAY 04 2009
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Dennis Ingram **Date** 4/29/09 **Time** 9:00 (am) pm
Test Conducted by: Alfredo Rios
Others Present:

Well: Federal 24-33B-8-16	**Field:** Monument Butte
Well Location: SE/SW Sec. 33, T8S, R16E Duchesne County, UTAH	**API No:** 43-013-31214

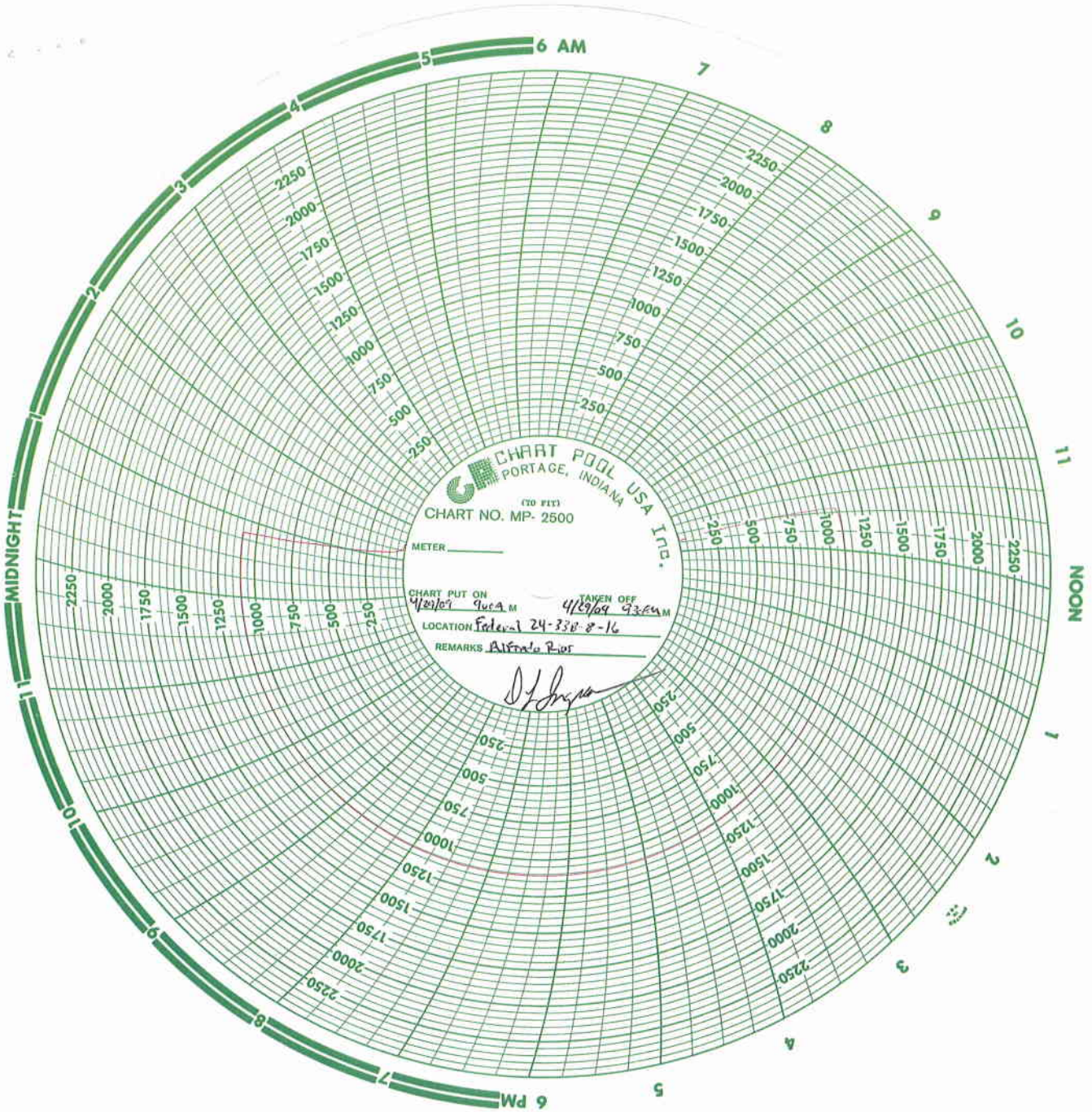
Time	Casing Pressure	
0 min	1100	psig
5	1100	psig
10	1100	psig
15	1100	psig
20	1100	psig
25	1100	psig
30 min	1100	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result: (Pass) Fail

Signature of Witness: Dennis L Ingram

Signature of Person Conducting Test:


6 AM
NOON
6 PM
MIDNIGHT
CHART POOL USA Inc.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP- 2500
METER
CHART PUT ON 4/28/09 9ucA M
TAKEN OFF 4/29/09 9:30A M
LOCATION Federal 24-33B-8-16
REMARKS Pitrate Run

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-346

Operator: Newfield Production Company

Well: Wells Draw Federal 24-33-8-16

Location: Section 33, Township 8 South, Range 16 East

County: Duchesne

API No.: 43-013-31214

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 30, 2008.
2. Maximum Allowable Injection Pressure: 1,565 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,509' – 6,232')

Approved by: Gil Hunt 5-11-09

Gil Hunt
Associate Director

Date

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
SITLA
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Wells Draw

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-49092
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: WELLS DRAW UNIT
8. WELL NAME and NUMBER: FEDERAL 24-33B
9. API NUMBER: 4301331214
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 330 FSL 2103 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 33, T8S, R16E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[X] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
05/20/2009	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[ ] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Change status put well on injection.
	[X] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 10:30 am on 5-20-09.

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager

SIGNATURE Kathy Chapman DATE 05/20/2009

(This space for State use only)

RECEIVED
MAY 21 2009
DIV. OF OIL, GAS & MINING

Daily Activity Report

43 013 31214
Format For Sundry

FEDERAL 24-33B-8-16

2/1/2009 To 6/30/2009

4/22/2009 Day: 1 T08S R16E S-33 **Conversion**

Nabors #1111 on 4/21/2009 - MIRU Nabors #1111. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Could not get pump to unseat. Pump 30 BW down csg @ 250°. Unseat rod pump. Flush tbg & rods w/ 30 BW @ 250°. Soft seat rods & pump. Pressure test tbg to 3000 psi. LD polished rod, 1-2', 4' & 2-8' x 3/4" ponies & 53- 3/4" guided rods. SWIFN.

4/23/2009 Day: 2 **Conversion**

Nabors #1111 on 4/22/2009 - Hot oiler had flushed tbg & rods w/ 55 BW @ 250°. LD rods as follows: 68- 7/8" guided rods, 118- 3/4" plain rods, 10- 3/4" guided rods, 6- 1 1/2" weight rods & pump. ND wellhead. X-over for tbg equipment. TA was not set. NU BOPs. RU rig floor. TOOH w/ 128- jts 2 7/8" J-55 tbg (breaking collars, applying Liquid O-ring to threads & talleying). Flush tbg w/ 40 bw @ 250°. SWIFN.

4/24/2009 Day: 3 **Conversion**

Nabors #1111 on 4/23/2009 - Flush tbg w/ 20 BW @ 250°. LD 58- jts 2 7/8" tbg on trailer. MU & TIH w/ Arrowset 1-X packer, SN, & 138- jts 2 7/8" J-55 6.5# tbg. Flush tbg w/ 30 BW. Drop standing valve & pump down tbg. Pressure test tbg to 3000 psi. Had to bleed air off tbg & retest several times. Held pressure test for 30 min w/ 0 psi loss. RU sandline & RIH w/ fishing tool on sandline & retrieve standing valve. RD rig floor. ND BOPs. NU wellhead. Pump 70 bbls packer fluid down tbg-csg annulus. Set AS-1X packer w/ CE @ 4347' & EOT @ 4352' w/ 15,000# tension. Pressure annulus to 1500 psi. Held pressure test for 30 minutes w/ 0 psi loss. Ready for MIT!

4/30/2009 Day: 4 **Conversion**

Rigless on 4/29/2009 - On 4/28/09 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Wells Draw 24-33B-8-16). Permission was given at that time to perform the test on 4/29/09. On 4/29/09 the csg was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 0 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report! API # 43013-31214

FORM 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
USA UTU-49092

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FEDERAL 24-33B

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301331214

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
330 FSL 2103 FWL

SESW Section 33 T8S R16E

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other UIC Permit Revision
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The original permit injection interval was 4509' - 6232'. Newfield requests a revised injection interval of 4430' - 6232' to reflect actual existing well perforations.

Approved by the Utah Division of Oil, Gas and Mining

Date: 11-15-10
By:

COPY SENT TO OPERATOR
Date: 11.18.2010
Initials: KS

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Eric Sundberg

Title
Regulatory Lead

Signature

Date
11/09/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED
NOV 15 2010
DIV. OF OIL, GAS & MINING

Federal #24-33B-8-16

Spud Date: 8-15-88
Put on Production: 10-9-88
GL: 5715' KB: 5730'

Initial Production: 37 BOPD, 0 MCFD
0 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: L-80, N-80
WEIGHT: 47#, 53.5#
LENGTH: 7 JTS (295.8')
DEPTH LANDED: 310'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 skx Class "G"cmt, est ? bbls to surface

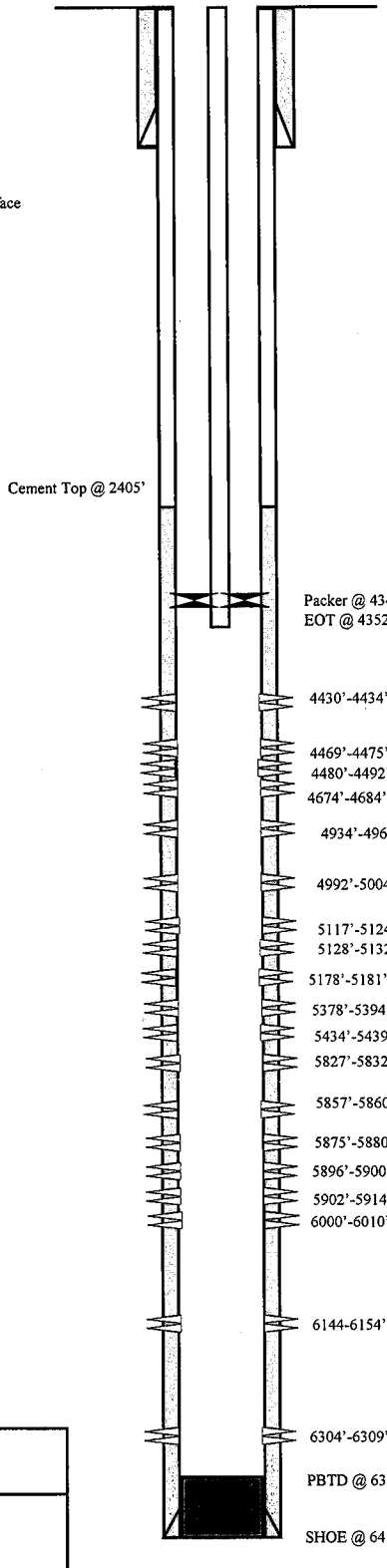
PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / K-55
LENGTH: 5564'
CSG SIZE: 5-1/2" / 17# / N-80
LENGTH: 5564' - 6410'
SET AT: 6410'KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 125 sks Hi-Lift & 500 Class "G" cement.
CEMENT TOP AT: 2405'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 138 jts (4328.07') KB
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 4343.07' KB
TOTAL STRING LENGTH: EOT @ 4351.57' KB

Injection Wellbore Diagram



FRAC JOB

9-17-88	**6304'-6309'**	60,000# 20/40 sand in 642 bbl frac fluid. Avg. treating press. 3300 psi @ 36 BPM. ISIP 2000 psi. Calc. flush: 6304 gal. Actual flush 294 gal. Screened out.
9-21-88	**6144'-6154'**	50,000# 20/40 sand in 692 bbl frac fluid. Avg. treating press. 2400 psi @ 35 BPM. ISIP 2000 psi. Calc. flush: 6144 gal. Actual flush 5964 gal.
9-23-88	**5896'-5914'**	66,500# 20/40 sand in 590 bbl frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP 3800 psi. Calc. flush: 5896 gal. Actual flush 5544 gal.
9-27-88	**5378'-5394'**	38,500# 20/40 sand + 28,000# 16/30 sand in 786 bbls. frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP-1600 psi. Calc. flush: 5378 gal. Actual flush 5208 gal.
9-29-88	**4934'-5004'**	192,000# 20/40 sand in 1649 bbls. frac fluid. Avg. treating press. 2000 psi @ 50 BPM. ISIP-1800 psi. Calc. flush: 4934 gal. Actual flush 4788 gal.
2-17-03	**6000'-6010'**	**Frac CP3 sands as follows:** 22,894# 20/40 sand in 220 bbls. YF 125 fluid. Treated @ avg. pressure of 4580 psi w/avg. rate of 15.2 BPM. ISIP-1933 psi. Calc. flush: 1499 gal. Actual flush: 1444 gal.
2-18-03	**5827'-5880'**	**Frac CP.5 and CP1 sands as follows:** 50,132# 20/40 sand in 436 bbls. YF 125 fluid. Treated @ avg. pressure of 4007 psi w/avg. rate of 16.5 BPM. ISIP-2650 psi. Calc. flush: 1470 gal. Actual flush: 1405 gal.
2-18-03	**5434'-5439'**	**Frac A3 sands as follows:** 6,942# 20/40 sand in 115 bbls. YF 125 fluid. Treated @ avg. pressure of 4557 psi w/avg. rate of 15.4 BPM. ISIP-N/A. Frac communicated to upper perfs.
2-18-03	**5378'-5439'**	**Frac existing A2 and new A3 sands as follows:** 14,438# 20/40 sand in 153 bbls. YF 125 fluid. Treated @ avg. pressure of 3277 psi w/avg. rate of 15.6 BPM. ISIP-1878 psi. Calc. flush: 1413 gal. Actual flush: 1302 gal.
2-18-03	**5117'-5181'**	**Frac B.5 and C sands as follows:** 27,895# 20/40 sand in 252 bbls. YF 125 fluid. Treated @ avg. pressure of 3075 psi w/avg. rate of 16 BPM. ISIP-NA. Tubing rupture.
2-26-03	**4430'-4684'**	**Frac GB and PB sands as follows:** 60,274# 20/40 sand in 661 bbls. YF 125 fluid. Treated @ avg. pressure of 1959 psi w/avg. rate of 22.5 BPM. ISIP-2150 psi. Calc. flush: 4430 gal. Actual flush: 4206 gal.
2/03/04		Pump change.
02/17/06		Pump Change. Update rod and tubing detail
05/10/06		Pump Change. Update rod and tubing leak.
4/23/09		**Well converted to an injection well.**
4/30/09		**MIT completed and submitted.**

PERFORATION RECORD

9-15-88	6304'-6309'	4 JSPF	20 holes
9-20-88	6144'-6154'	4 JSPF	40 holes
9-22-88	5896'-5900'	4 JSPF	16 holes
9-22-88	5902'-5914'	4 JSPF	48 holes
9-24-88	5378'-5394'	4 JSPF	64 holes
9-28-88	4992'-5004'	4 JSPF	48 holes
9-28-88	4934'-4964'	4 JSPF	120 holes
2-17-03	6000'-6010'	4 JSPF	40 holes
2-17-03	5875'-5880'	4 JSPF	20 holes
2-17-03	5857'-5860'	4 JSPF	12 holes
2-17-03	5827'-5832'	4 JSPF	20 holes
2-17-03	5434'-5439'	4 JSPF	20 holes
2-17-03	5178'-5181'	4 JSPF	12 holes
2-17-03	5128'-5132'	4 JSPF	16 holes
2-17-03	5117'-5124'	4 JSPF	28 holes
2-17-03	4674'-4684'	4 JSPF	40 holes
2-17-03	4480'-4492'	4 JSPF	48 holes
2-17-03	4469'-4475'	4 JSPF	24 holes
2-17-03	4430'-4434'	4 JSPF	16 holes

CR 4/30/09

NEWFIELD

Federal #24-33B-8-16
2103 FWL & 330 FSL
SE/SW Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-31214; Lease #UTU-49092

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-49092
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
GMBU
8. WELL NAME and NUMBER:
FEDERAL 24-33B
9. API NUMBER:
4301331214
10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER WI

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 330 FSL 2103 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 33, T8S, R16E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARITLY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of Work Completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
03/01/2011	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: - Step Rate Test
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on March 1, 2011. Results from the test indicate that the fracture gradient is 0.835 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1565 psi to 1750 psi.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-05-11
By:

COPY SENT TO OPERATOR
Date: 4.6.2011
Initials: KS

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE DATE 03/03/2011

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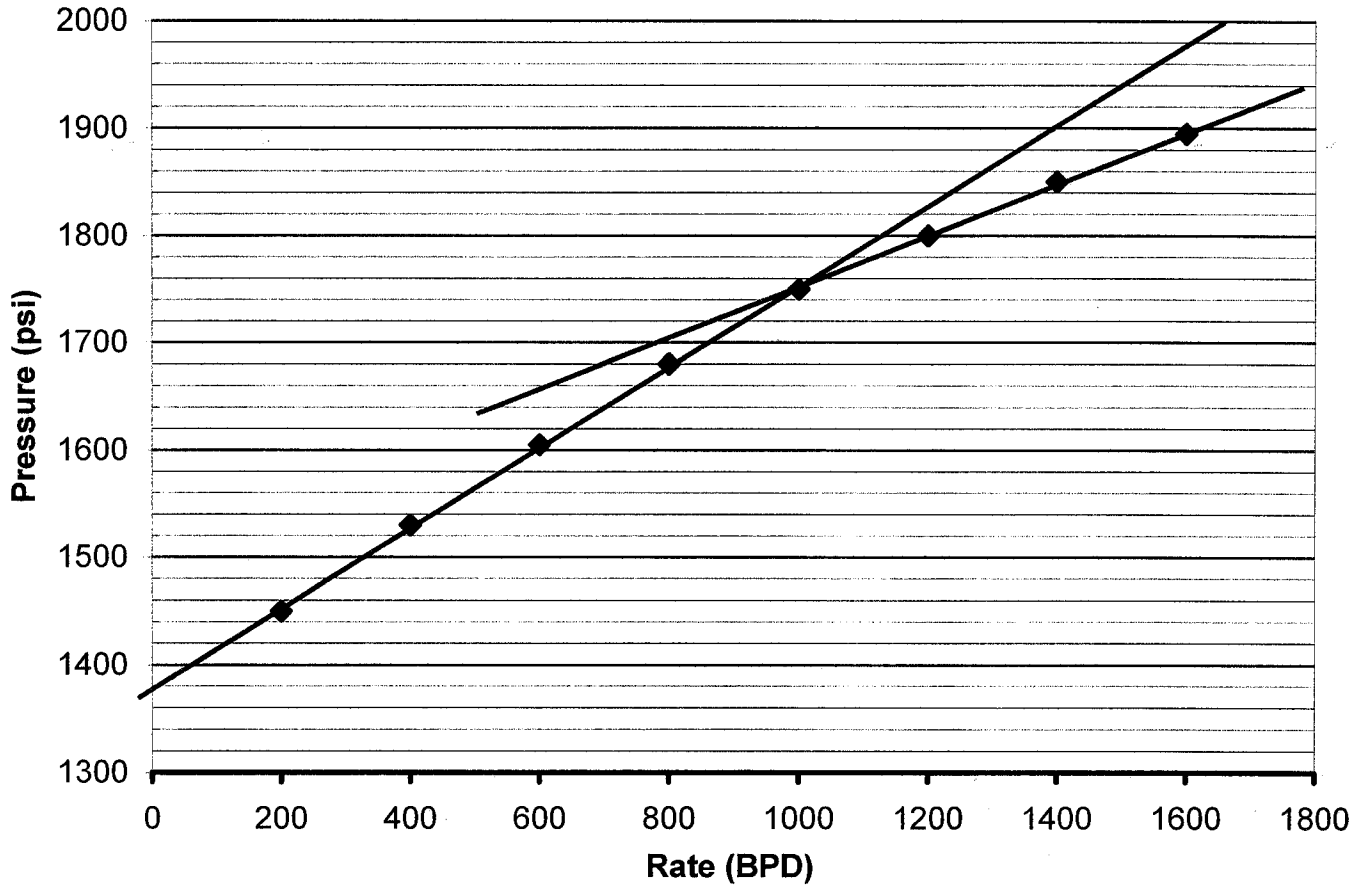
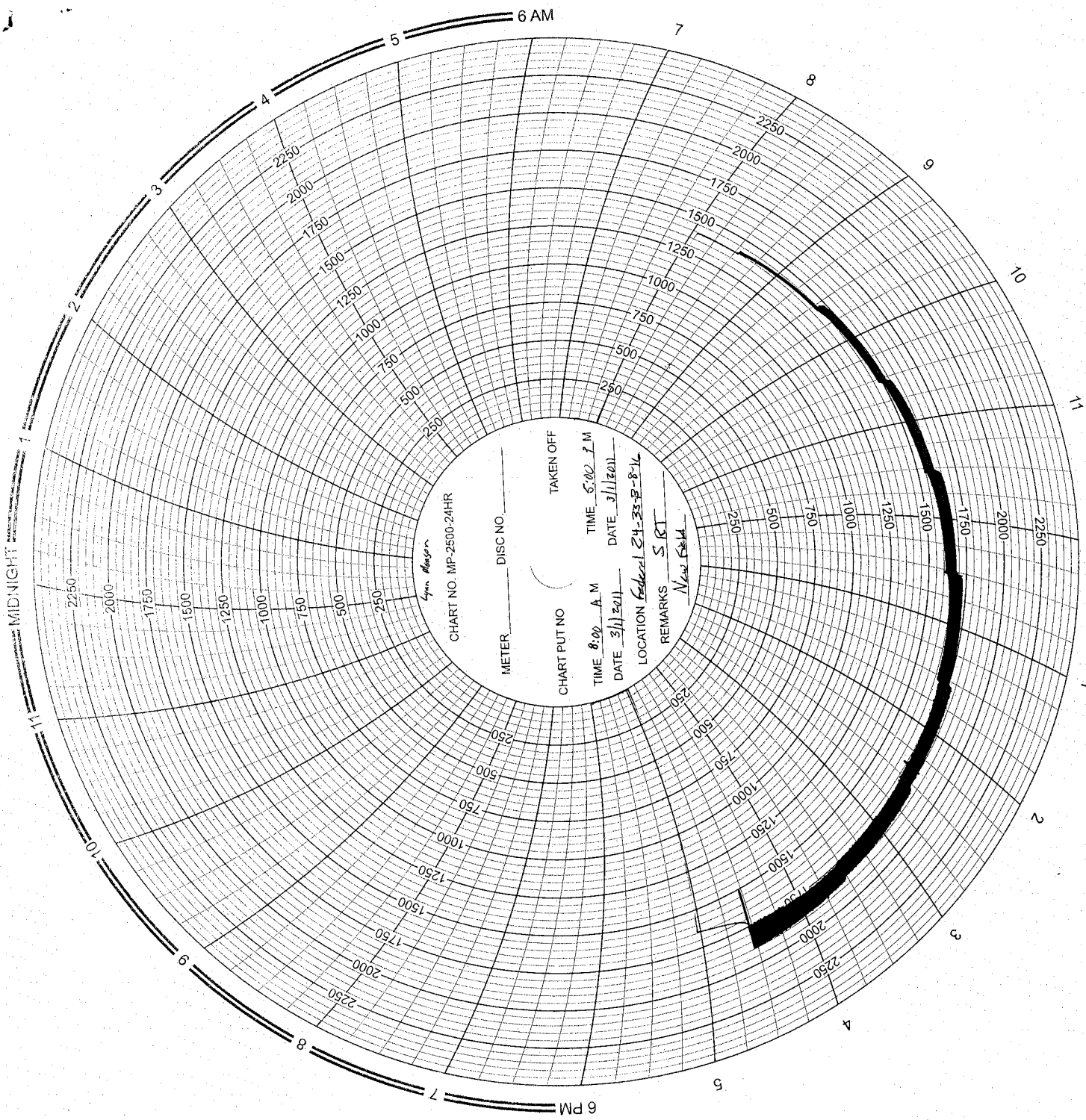
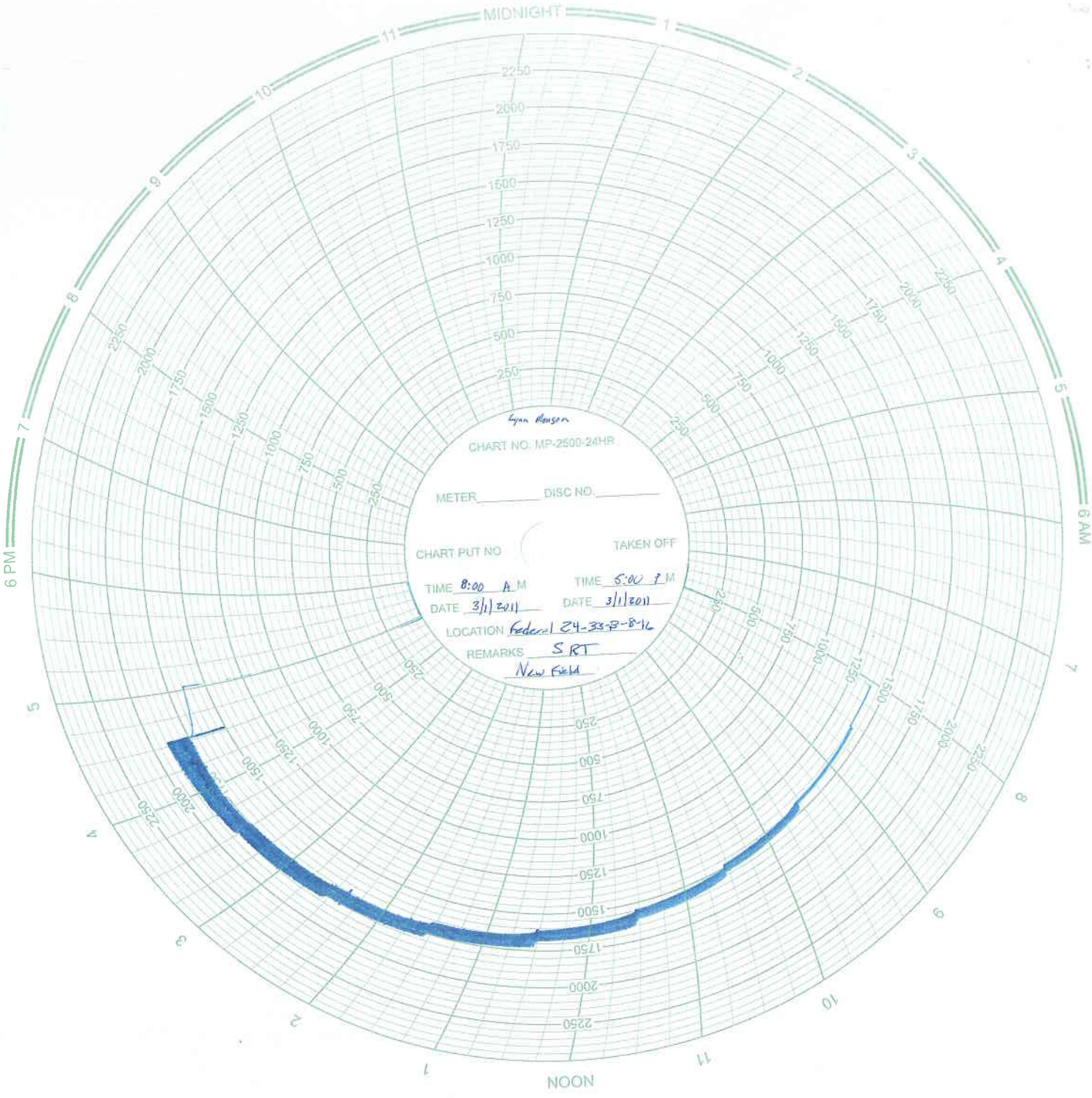
DIV. OF OIL, GAS & MINING

Federal 24-33B-8-16
Greater Monument Butte Unit
Step Rate Test
March 1, 2011



			Step	Rate(bpd)	Pressure(psi)
Start Pressure:	1400	psi	1	200	1450
			2	400	1530
Top Perforation:	4430	feet	3	600	1605
Fracture pressure (Pfp):	1750	psi	4	800	1680
FG:	0.835	psi/ft	5	1000	1750
			6	1200	1800
			7	1400	1850
			8	1600	1895


6 AM
NOON
6 PM
MIDNIGHT
CHART NO. MP-2500-24HR
METER
DISC NO.
CHART PUT NO
TAKEN OFF
TIME 8:00 A M
DATE 3/1/2011
TIME 5:00 P M
DATE 3/1/2011
LOCATION Federal 24-33-8-16
REMARKS SICT
New Field


MIDNIGHT
NOON
6 PM
6 AM
Lynn Monson
CHART NO. MP-2500-24HR
METER
DISC NO.
CHART PUT NO
TAKEN OFF
TIME 8:00 A M
DATE 3/1/2011
TIME 5:00 P M
DATE 3/1/2011
LOCATION Federal 24-33-B-8-16
REMARKS SRT
New Field

NEWFIELD

Schematic

43-013-31214

Well Name: Federal 24-33B-8-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
33-8S-16E	43013312140000	500150815		Utah	GMBU CTB4	Duchesne

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
8/18/1988	8/30/1988	10/1/1988	5,730	5,715		Original Hole - 6,329.0

Most Recent Job

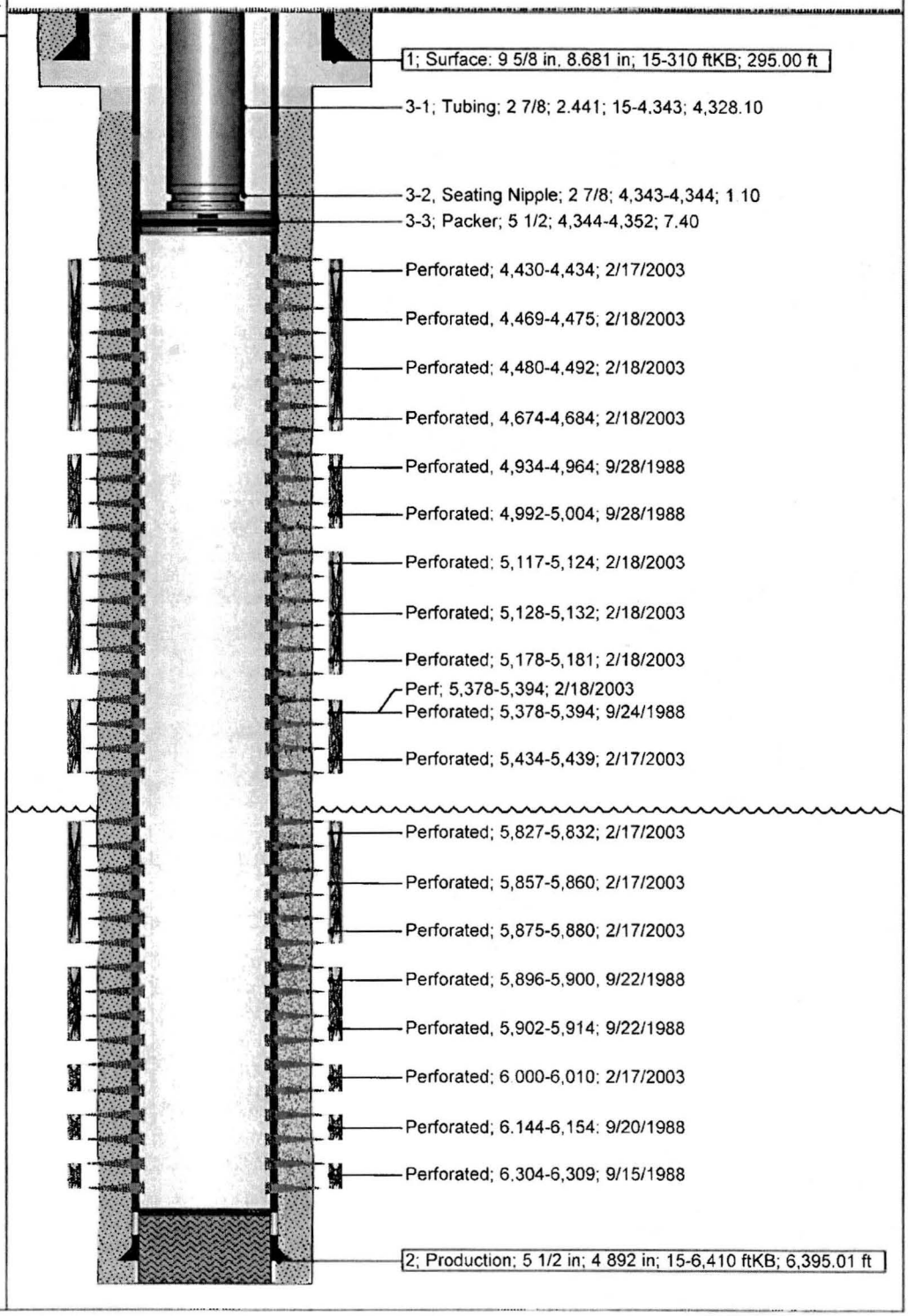
Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Testing		N/A	3/25/2014	3/25/2014

TD: 6,411.0

Vertical - Original Hole, 11/11/2015 9:22:43 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS
15.1			DLS (°...
310.0			
2,404.9			
3,526.2			
4,344.2			
4,430.1			
4,469.2			
4,480.0			
4,673.9			
4,934.1			
4,992.1			
5,117.1			
5,128.0			
5,178.1			
5,378.0			
5,434.1			
5,565.0			
5,832.0			
5,859.9			
5,879.9			
5,899.9			
5,914.0			
6,009.8			
6,153.9			
6,309.1			
6,330.1			
6,411.1			

Vertical schematic (actual)



NEWFIELD

Newfield Wellbore Diagram Data
Federal 24-33B-8-16

Surface Legal Location			API/UWI	Lease
33-8S-16E			43013312140000	
County	**State/Province**		**Basin**	**Field Name**
Duchesne	Utah			GMBU CTB4
Well Start Date	**Spud Date**		**Final Rig Release Date**	**On Production Date**
8/15/1988	8/18/1988		8/30/1988	10/1/1988
Original KB Elevation (ft)	**Ground Elevation (ft)**	**Total Depth (ftKB)**	**Total Depth All (TVD) (ftKB)**	**PBTD (All) (ftKB)**
5,730	5,715	6,411.0		Original Hole - 6,329.0

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/18/1988	9 5/8	8.681	47.00	N-80	310
Production	8/30/1988	5 1/2	4.892	17.00	K-55	6,410

Cement

String: Surface, 310ftKB 8/18/1988

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	15.0	310.0		
Fluid Description	**Fluid Type**	**Amount (sacks)**	**Class**	**Estimated Top (ftKB)**
	Lead	165	G	15.0

String: Production, 6,410ftKB 8/30/1988

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	2,405.0	6,411.0		
Fluid Description	**Fluid Type**	**Amount (sacks)**	**Class**	**Estimated Top (ftKB)**
	Lead	125	Howco Silica Lite	2,405.0
Fluid Description	**Fluid Type**	**Amount (sacks)**	**Class**	**Estimated Top (ftKB)**
	Tail	500	G	4,000.0

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing	4/29/2009	4,351.6

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	138	2 7/8	2.441	6.50	J-55	4,328.10	15.0	4,343.1
Seating Nipple		2 7/8				1.10	4,343.1	4,344.2
Packer		5 1/2				7.40	4,344.2	4,351.6

Rod Strings

Rod Description	Run Date	Set Depth (ftKB)

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
11	GB4, Original Hole	4,430	4,434	4			2/17/2003
11	GB6, Original Hole	4,469	4,475	4			2/18/2003
11	GB6, Original Hole	4,480	4,492	4			2/18/2003
11	PB10, Original Hole	4,674	4,684	4			2/18/2003
5	D1, Original Hole	4,934	4,964	4			9/28/1988
5	D2, Original Hole	4,992	5,004	4			9/28/1988
10	C, Original Hole	5,117	5,124	4			2/18/2003
10	C, Original Hole	5,128	5,132	4			2/18/2003
10	B.5, Original Hole	5,178	5,181	4			2/18/2003
4	A2, Original Hole	5,378	5,394	4			9/24/1988
9	A2, Original Hole	5,378	5,394	4			2/18/2003
8	A3, Original Hole	5,434	5,439	4			2/17/2003
7	CP.5, Original Hole	5,827	5,832	4			2/17/2003
7	CP1, Original Hole	5,857	5,860	4			2/17/2003
7	CP1, Original Hole	5,875	5,880	4			2/17/2003
3	CP, Original Hole	5,896	5,900	4			9/22/1988
3	CP, Original Hole	5,902	5,914	4			9/22/1988
6	D1, Original Hole	6,000	6,010	4			2/17/2003
2	CP, Original Hole	6,144	6,154	4			9/20/1988
1	CP, Original Hole	6,304	6,309	4			9/15/1988

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,000						
2	2,000						
3	3,800						
4	1,600						

NEWFIELD

Newfield Wellbore Diagram Data
Federal 24-33B-8-16

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
5	1,800						
6	1,933	0.76	18.5	7,716			
7	2,650	0.89	18.5	5,682			
8			19.9	6,567			
9	1,878	0.78	18.5	4,988			
10			19.4	8,500			
11	2,150	0.91	25.2	2,413			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Bulk sand 60000 lbs
2		Proppant Bulk sand 50000 lbs
3		Proppant Bulk sand 66500 lbs
4		Proppant Bulk sand 38500 lbs
5		Proppant Bulk sand 192000 lbs
6		Proppant Bulk sand 22894 lbs
7		Proppant Bulk sand 50132 lbs
8		Proppant Bulk sand 6942 lbs
9		Proppant Bulk sand 14438 lbs
10		Proppant Bulk sand 27895 lbs
11		Proppant Bulk sand 60274 lbs